Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004178.D
Acq On : 24 Mar 2021 11:18
Operator : SY/MD
Sample : VY0324SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Manual Integrations APPROVED
MMDadoda
3/25/2021 4:57:28 PM

Quant Time: Mar 25 01:17:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	198248	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	308581	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	275507	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139608	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.148	65	92349	47.20	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.40%				
35) Dibromofluoromethane	7.728	113	86721	49.84	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.68%				
50) Toluene-d8	10.184	98	321994	47.20	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.40%				
62) 4-Bromofluorobenzene	12.483	95	116521	46.25	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	35060	22.85	ug/l		97
3) Chloromethane	2.119	50	42120	19.69	ug/l		99
4) Vinyl Chloride	2.259	62	47263	19.73	ug/l		99
5) Bromomethane	2.649	94	34380	22.46	ug/l		93
6) Chloroethane	2.802	64	29775	20.41	ug/l		95
7) Trichlorofluoromethane	3.131	101	67227	21.11	ug/l		98
8) Diethyl Ether	3.539	74	20906	20.48	ug/l		90
9) 1,1,2-Trichlorotrifluo...	3.911	101	37316	20.95	ug/l		98
10) Methyl Iodide	4.100	142	35908	19.73	ug/l		98
11) Tert butyl alcohol	4.966	59	17343	98.05	ug/l	#	95
12) 1,1-Dichloroethene	3.881	96	35980	20.64	ug/l		91
13) Acrolein	3.740	56	12009	68.44	ug/l		99
14) Allyl chloride	4.490	41	52270	18.13	ug/l	#	88
15) Acrylonitrile	5.179	53	49547	97.67	ug/l		98
16) Acetone	3.960	43	42804	90.64	ug/l		95
17) Carbon Disulfide	4.204	76	98041	19.13	ug/l		98
18) Methyl Acetate	4.490	43	21294	18.25	ug/l		92
19) Methyl tert-butyl Ether	5.234	73	101312	20.41	ug/l		99
20) Methylene Chloride	4.728	84	41507	18.71	ug/l		94
21) trans-1,2-Dichloroethene	5.234	96	40658	20.76	ug/l		90
22) Diisopropyl ether	6.130	45	115964	19.06	ug/l	#	92
23) Vinyl Acetate	6.069	43	380474	94.98	ug/l	#	94
24) 1,1-Dichloroethane	6.033	63	67955	20.11	ug/l		98
25) 2-Butanone	6.996	43	63971	93.97	ug/l		91
26) 2,2-Dichloropropane	6.990	77	64270	19.92	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	45449	20.39	ug/l		93
28) Bromochloromethane	7.343	49	31260	21.19	ug/l		92
29) Tetrahydrofuran	7.356	42	41188	93.14	ug/l		92
30) Chloroform	7.520	83	73688	21.05	ug/l		97
31) Cyclohexane	7.789	56	64889	18.91	ug/l		88
32) 1,1,1-Trichloroethane	7.709	97	67796	20.87	ug/l		99
36) 1,1-Dichloropropene	7.923	75	55479	20.46	ug/l		96
37) Ethyl Acetate	7.081	43	29084	19.91	ug/l		98
38) Carbon Tetrachloride	7.910	117	60322	20.97	ug/l		97
39) Methylcyclohexane	9.191	83	71241	20.34	ug/l		90
40) Benzene	8.167	78	159602	20.90	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004178.D
Acq On : 24 Mar 2021 11:18
Operator : SY/MD
Sample : VY0324SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Manual Integrations APPROVED
MMDadoda
3/25/2021 4:57:28 PM

Quant Time: Mar 25 01:17:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.319	41	15497m	17.13 ug/l		
42) 1,2-Dichloroethane	8.246	62	49179	21.07 ug/l		97
43) Isopropyl Acetate	8.282	43	56773	19.37 ug/l		98
44) Trichloroethene	8.947	130	48360	21.87 ug/l		97
45) 1,2-Dichloropropane	9.221	63	38168	20.02 ug/l		98
46) Dibromomethane	9.313	93	22862	20.97 ug/l		98
47) Bromodichloromethane	9.502	83	57110	20.99 ug/l		94
48) Methyl methacrylate	9.300	41	24735	17.77 ug/l	#	85
49) 1,4-Dioxane	9.307	88	5602	403.69 ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	140345	94.57 ug/l		97
52) Toluene	10.245	92	102063	20.64 ug/l		98
53) t-1,3-Dichloropropene	10.471	75	57374	19.98 ug/l		95
54) cis-1,3-Dichloropropene	9.934	75	65970	20.51 ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	32478	21.19 ug/l		97
56) Ethyl methacrylate	10.514	69	41507	19.37 ug/l		93
57) 1,3-Dichloropropane	10.794	76	54610	20.80 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.788	63	103684	113.62 ug/l		92
59) 2-Hexanone	10.837	43	97011	93.04 ug/l		97
60) Dibromochloromethane	10.989	129	40148	20.86 ug/l		99
61) 1,2-Dibromoethane	11.093	107	31836	21.33 ug/l		96
64) Tetrachloroethene	10.721	164	54793	23.76 ug/l		96
65) Chlorobenzene	11.520	112	114237	21.64 ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.593	131	41719	21.12 ug/l		98
67) Ethyl Benzene	11.599	91	198743	20.50 ug/l		97
68) m/p-Xylenes	11.702	106	154670	41.84 ug/l		95
69) o-Xylene	12.032	106	73822	21.12 ug/l		94
70) Styrene	12.050	104	121851	20.36 ug/l		99
71) Bromoform	12.215	173	24614	20.83 ug/l	#	99
73) Isopropylbenzene	12.330	105	198255	20.43 ug/l		98
74) N-amyl acetate	12.148	43	49900	17.96 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.586	83	32323	19.18 ug/l		100
76) 1,2,3-Trichloropropane	12.641	75	25992m	19.42 ug/l		
77) Bromobenzene	12.611	156	48361	21.57 ug/l		95
78) n-propylbenzene	12.672	91	232282	20.32 ug/l		97
79) 2-Chlorotoluene	12.757	91	130145	20.28 ug/l		96
80) 1,3,5-Trimethylbenzene	12.818	105	169418	20.59 ug/l		97
81) trans-1,4-Dichloro-2-b...	12.385	75	12460	18.37 ug/l		99
82) 4-Chlorotoluene	12.855	91	134576	19.81 ug/l		95
83) tert-Butylbenzene	13.080	119	146855	20.74 ug/l		97
84) 1,2,4-Trimethylbenzene	13.123	105	168458	20.44 ug/l		97
85) sec-Butylbenzene	13.257	105	200756	20.56 ug/l		98
86) p-Isopropyltoluene	13.373	119	188028	20.77 ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	91370	21.12 ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	92219	21.35 ug/l		99
89) n-Butylbenzene	13.702	91	173146	20.10 ug/l		98
90) Hexachloroethane	13.964	117	32727	20.12 ug/l		84
91) 1,2-Dichlorobenzene	13.745	146	81277	21.18 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6079	19.09 ug/l		92
93) 1,2,4-Trichlorobenzene	15.007	180	53699	20.63 ug/l		99
94) Hexachlorobutadiene	15.117	225	30095	20.62 ug/l		98
95) Naphthalene	15.238	128	102427	19.86 ug/l		99
96) 1,2,3-Trichlorobenzene	15.427	180	45011	20.57 ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004178.D
Acq On : 24 Mar 2021 11:18
Operator : SY/MD
Sample : VY0324SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Manual Integrations APPROVED
MMDadoda
3/25/2021 4:57:28 PM

Quant Time: Mar 25 01:17:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
Data File : VY004178.D
Acq On : 24 Mar 2021 11:18
Operator : SY/MD
Sample : VY0324SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 25 01:17:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBS01

Manual Integrations APPROVED
MMDadoda
3/25/2021 4:57:28 PM