Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004097.D
Acq On : 17 Mar 2021 12:38
Operator : SY/MD
Sample : VY0317SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBSD01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:46 PM

Quant Time: Mar 18 01:48:00 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	229251	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	355190	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	319004	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162968	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	103266	45.65	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.30%				
35) Dibromofluoromethane	7.728	113	97569	48.71	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.42%				
50) Toluene-d8	10.185	98	369064	47.00	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.00%				
62) 4-Bromofluorobenzene	12.483	95	134450	46.36	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	42853	24.48	ug/l		98
3) Chloromethane	2.119	50	50230	20.45	ug/l		96
4) Vinyl Chloride	2.259	62	58805	21.23	ug/l		100
5) Bromomethane	2.650	94	40762	23.03	ug/l		98
6) Chloroethane	2.802	64	36210	21.46	ug/l		97
7) Trichlorofluoromethane	3.131	101	77760	21.12	ug/l		96
8) Diethyl Ether	3.540	74	23906	20.25	ug/l		85
9) 1,1,2-Trichlorotrifluo...	3.906	101	42760	20.76	ug/l		98
10) Methyl Iodide	4.107	142	44294	21.04	ug/l		99
11) Tert butyl alcohol	4.979	59	20800	101.69	ug/l	#	91
12) 1,1-Dichloroethene	3.881	96	40867	20.28	ug/l		96
13) Acrolein	3.735	56	15747	77.61	ug/l		98
14) Allyl chloride	4.491	41	61626	18.48	ug/l	#	90
15) Acrylonitrile	5.186	53	58384	99.53	ug/l		98
16) Acetone	3.960	43	55003	100.72	ug/l	#	88
17) Carbon Disulfide	4.204	76	119252	20.12	ug/l		99
18) Methyl Acetate	4.491	43	24611	18.24	ug/l	#	90
19) Methyl tert-butyl Ether	5.235	73	115338	20.10	ug/l		95
20) Methylene Chloride	4.729	84	50389	19.92	ug/l		92
21) trans-1,2-Dichloroethene	5.235	96	46872	20.70	ug/l		90
22) Diisopropyl ether	6.131	45	130649	18.57	ug/l		96
23) Vinyl Acetate	6.076	43	438103	94.57	ug/l		96
24) 1,1-Dichloroethane	6.027	63	75902	19.43	ug/l		97
25) 2-Butanone	6.996	43	76668	97.39	ug/l		94
26) 2,2-Dichloropropane	6.990	77	73199	19.61	ug/l		100
27) cis-1,2-Dichloroethene	7.003	96	52080	20.20	ug/l		91
28) Bromochloromethane	7.344	49	33236	19.48	ug/l		86
29) Tetrahydrofuran	7.356	42	48528	94.89	ug/l		93
30) Chloroform	7.515	83	80557	19.90	ug/l		99
31) Cyclohexane	7.795	56	74756	18.84	ug/l	#	87
32) 1,1,1-Trichloroethane	7.710	97	75302	20.05	ug/l		99
36) 1,1-Dichloropropene	7.923	75	63500	20.35	ug/l		98
37) Ethyl Acetate	7.082	43	32094	19.09	ug/l	#	96
38) Carbon Tetrachloride	7.911	117	69003	20.84	ug/l		100
39) Methylcyclohexane	9.185	83	82174	20.39	ug/l		92
40) Benzene	8.167	78	181970	20.70	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004097.D
Acq On : 17 Mar 2021 12:38
Operator : SY/MD
Sample : VY0317SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBSD01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:46 PM

Quant Time: Mar 18 01:48:00 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	7.338	41	20667m	19.84	ug/l		
42) 1,2-Dichloroethane	8.246	62	54149	20.15	ug/l		97
43) Isopropyl Acetate	8.283	43	65733	19.49	ug/l		97
44) Trichloroethene	8.947	130	56414	22.16	ug/l		99
45) 1,2-Dichloropropane	9.222	63	43940	20.02	ug/l		97
46) Dibromomethane	9.307	93	26216	20.89	ug/l		97
47) Bromodichloromethane	9.502	83	64457	20.58	ug/l		98
48) Methyl methacrylate	9.301	41	29582	18.46	ug/l		89
49) 1,4-Dioxane	9.307	88	6574	411.57	ug/l		93
51) 4-Methyl-2-Pentanone	10.075	43	166434	97.44	ug/l		96
52) Toluene	10.246	92	117570	20.65	ug/l		97
53) t-1,3-Dichloropropene	10.471	75	66563	20.14	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	74287	20.06	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	37177	21.07	ug/l		96
56) Ethyl methacrylate	10.514	69	49660	20.13	ug/l		91
57) 1,3-Dichloropropane	10.795	76	61467	20.34	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.789	63	117868	111.97	ug/l		93
59) 2-Hexanone	10.837	43	118598	98.82	ug/l		97
60) Dibromochloromethane	10.990	129	47358	21.38	ug/l		100
61) 1,2-Dibromoethane	11.093	107	36794	21.41	ug/l		97
64) Tetrachloroethene	10.721	164	63462	23.76	ug/l		95
65) Chlorobenzene	11.520	112	129907	21.25	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	48457	21.19	ug/l		98
67) Ethyl Benzene	11.593	91	230309	20.52	ug/l		98
68) m/p-Xylenes	11.703	106	177390	41.44	ug/l		94
69) o-Xylene	12.032	106	83296	20.59	ug/l		95
70) Styrene	12.050	104	140375	20.26	ug/l		98
71) Bromoform	12.209	173	29321	21.43	ug/l	#	100
73) Isopropylbenzene	12.331	105	230626	20.36	ug/l		98
74) N-amyl acetate	12.148	43	59703	18.40	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.587	83	36457	18.53	ug/l		97
76) 1,2,3-Trichloropropane	12.636	75	30840m	19.74	ug/l		
77) Bromobenzene	12.611	156	55994	21.40	ug/l		95
78) n-propylbenzene	12.672	91	269220	20.18	ug/l		97
79) 2-Chlorotoluene	12.758	91	150272	20.06	ug/l		97
80) 1,3,5-Trimethylbenzene	12.812	105	192591	20.05	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.380	75	15411	19.46	ug/l		99
82) 4-Chlorotoluene	12.855	91	157519	19.87	ug/l		97
83) tert-Butylbenzene	13.081	119	168339	20.37	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	194576	20.22	ug/l		98
85) sec-Butylbenzene	13.258	105	233260	20.47	ug/l		98
86) p-Isopropyltoluene	13.373	119	214483	20.30	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	106086	21.00	ug/l		98
88) 1,4-Dichlorobenzene	13.446	146	105519	20.93	ug/l		97
89) n-Butylbenzene	13.703	91	202813	20.17	ug/l		99
90) Hexachloroethane	13.965	117	38261	20.15	ug/l		85
91) 1,2-Dichlorobenzene	13.745	146	95277	21.27	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7465	20.08	ug/l		93
93) 1,2,4-Trichlorobenzene	15.007	180	67005	22.05	ug/l		96
94) Hexachlorobutadiene	15.117	225	36677	21.53	ug/l		98
95) Naphthalene	15.239	128	130328	21.65	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	55634	21.78	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004097.D
Acq On : 17 Mar 2021 12:38
Operator : SY/MD
Sample : VY0317SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBSD01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:46 PM

Quant Time: Mar 18 01:48:00 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\VY031721\
Data File : VY004097.D
Acq On : 17 Mar 2021 12:38
Operator : SY/MD
Sample : VY0317SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 01:48:00 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 :
VY0317SBSD01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:46 PM