Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004096.D
Acq On : 17 Mar 2021 11:35
Operator : SY/MD
Sample : VY0317SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:44 PM

Quant Time: Mar 18 01:47:22 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	7.795	168	220143	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	343896	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	309625	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158353	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	104318	48.02	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.04%				
35) Dibromofluoromethane	7.722	113	98956	51.03	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.06%				
50) Toluene-d8	10.185	98	372883	49.05	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.10%				
62) 4-Bromofluorobenzene	12.483	95	136850	48.74	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	38271	22.36	ug/l		97
3) Chloromethane	2.119	50	48605	20.64	ug/l		97
4) Vinyl Chloride	2.259	62	54137	20.35	ug/l		97
5) Bromomethane	2.650	94	38237	22.50	ug/l		92
6) Chloroethane	2.802	64	32714	20.19	ug/l		95
7) Trichlorofluoromethane	3.131	101	72310	20.45	ug/l		98
8) Diethyl Ether	3.540	74	23085	20.37	ug/l		86
9) 1,1,2-Trichlorotrifluo...	3.912	101	40040	20.24	ug/l		98
10) Methyl Iodide	4.107	142	40145	19.86	ug/l		99
11) Tert butyl alcohol	4.972	59	20776	105.77	ug/l	#	93
12) 1,1-Dichloroethene	3.887	96	38185	19.73	ug/l		95
13) Acrolein	3.741	56	15024	77.11	ug/l		94
14) Allyl chloride	4.497	41	58288	18.21	ug/l	#	90
15) Acrylonitrile	5.180	53	55203	98.00	ug/l		99
16) Acetone	3.960	43	52647	100.40	ug/l		94
17) Carbon Disulfide	4.204	76	112794	19.82	ug/l		98
18) Methyl Acetate	4.491	43	24314	18.77	ug/l		94
19) Methyl tert-butyl Ether	5.235	73	110396	20.03	ug/l		100
20) Methylene Chloride	4.735	84	47790	19.61	ug/l		91
21) trans-1,2-Dichloroethene	5.235	96	43231	19.88	ug/l		97
22) Diisopropyl ether	6.131	45	123103	18.22	ug/l		94
23) Vinyl Acetate	6.070	43	415325	93.37	ug/l	#	95
24) 1,1-Dichloroethane	6.033	63	72560	19.34	ug/l		99
25) 2-Butanone	6.996	43	72940	96.49	ug/l		95
26) 2,2-Dichloropropane	6.996	77	69398	19.37	ug/l		99
27) cis-1,2-Dichloroethene	6.996	96	49331	19.93	ug/l		90
28) Bromochloromethane	7.344	49	32336	19.74	ug/l		84
29) Tetrahydrofuran	7.356	42	47368	96.46	ug/l		93
30) Chloroform	7.515	83	77411	19.91	ug/l		100
31) Cyclohexane	7.795	56	71091	18.65	ug/l		91
32) 1,1,1-Trichloroethane	7.710	97	71620	19.86	ug/l		98
36) 1,1-Dichloropropene	7.929	75	59676	19.75	ug/l		97
37) Ethyl Acetate	7.088	43	31922	19.61	ug/l	#	97
38) Carbon Tetrachloride	7.905	117	65024	20.29	ug/l		99
39) Methylcyclohexane	9.191	83	76248	19.54	ug/l		89
40) Benzene	8.167	78	171179	20.11	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004096.D
Acq On : 17 Mar 2021 11:35
Operator : SY/MD
Sample : VY0317SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:44 PM

Quant Time: Mar 18 01:47:22 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	7.332	41	20029m	19.86	ug/l		
42) 1,2-Dichloroethane	8.246	62	52641	20.24	ug/l		97
43) Isopropyl Acetate	8.283	43	61583	18.86	ug/l		96
44) Trichloroethene	8.947	130	53149	21.56	ug/l		98
45) 1,2-Dichloropropane	9.222	63	41276	19.43	ug/l		99
46) Dibromomethane	9.313	93	25292	20.82	ug/l		98
47) Bromodichloromethane	9.502	83	60209	19.85	ug/l		98
48) Methyl methacrylate	9.301	41	28428	18.32	ug/l		89
49) 1,4-Dioxane	9.307	88	6190	400.26	ug/l		90
51) 4-Methyl-2-Pentanone	10.075	43	160501	97.05	ug/l		96
52) Toluene	10.246	92	110818	20.11	ug/l		95
53) t-1,3-Dichloropropene	10.471	75	62676	19.59	ug/l		98
54) cis-1,3-Dichloropropene	9.935	75	70001	19.53	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	34867	20.41	ug/l		98
56) Ethyl methacrylate	10.514	69	46502	19.47	ug/l		91
57) 1,3-Dichloropropane	10.795	76	58793	20.10	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.789	63	116438	114.65	ug/l		92
59) 2-Hexanone	10.837	43	114583	98.61	ug/l		97
60) Dibromochloromethane	10.990	129	44944	20.95	ug/l		99
61) 1,2-Dibromoethane	11.093	107	35215	21.17	ug/l		98
64) Tetrachloroethene	10.721	164	59058	22.78	ug/l		96
65) Chlorobenzene	11.520	112	122537	20.65	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	46537	20.97	ug/l		97
67) Ethyl Benzene	11.599	91	216092	19.83	ug/l		97
68) m/p-Xylenes	11.709	106	167054	40.21	ug/l		94
69) o-Xylene	12.032	106	79434	20.23	ug/l		94
70) Styrene	12.050	104	133038	19.78	ug/l		98
71) Bromoform	12.215	173	28190	21.23	ug/l	#	100
73) Isopropylbenzene	12.331	105	216541	19.68	ug/l		99
74) N-amyl acetate	12.148	43	56950	18.07	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	35066	18.34	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	29608m	19.50	ug/l		
77) Bromobenzene	12.611	156	52471	20.64	ug/l		96
78) n-propylbenzene	12.672	91	253501	19.55	ug/l		97
79) 2-Chlorotoluene	12.758	91	139400	19.15	ug/l		96
80) 1,3,5-Trimethylbenzene	12.819	105	182439	19.55	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.386	75	15045	19.56	ug/l		97
82) 4-Chlorotoluene	12.861	91	148728	19.30	ug/l		97
83) tert-Butylbenzene	13.081	119	158044	19.68	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	184949	19.78	ug/l		97
85) sec-Butylbenzene	13.258	105	219522	19.82	ug/l		98
86) p-Isopropyltoluene	13.373	119	203894	19.86	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	100612	20.50	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	101084	20.63	ug/l		98
89) n-Butylbenzene	13.703	91	190752	19.52	ug/l		99
90) Hexachloroethane	13.965	117	35285	19.12	ug/l		87
91) 1,2-Dichlorobenzene	13.745	146	90259	20.73	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7183	19.88	ug/l		90
93) 1,2,4-Trichlorobenzene	15.007	180	62851	21.29	ug/l		98
94) Hexachlorobutadiene	15.117	225	34107	20.61	ug/l		99
95) Naphthalene	15.239	128	124901	21.35	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	53511	21.56	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004096.D
Acq On : 17 Mar 2021 11:35
Operator : SY/MD
Sample : VY0317SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:44 PM

Quant Time: Mar 18 01:47:22 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
Data File : VY004096.D
Acq On : 17 Mar 2021 11:35
Operator : SY/MD
Sample : VY0317SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 01:47:22 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 :
VY0317SBS01

Manual Integrations APPROVED
MMDadoda
3/18/2021 2:18:44 PM