Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021720\
Data File : VY001643.D
Acq On : 17 Feb 2020 14:11
Operator : SY/MD
Sample : VY0217SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBS01

Manual Integrations APPROVED
MMDadoda
2/19/2020 10:49:29 AM

Quant Time: Feb 17 15:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	201038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	353886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	315541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	151230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	108985	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.80%			
35) Dibromofluoromethane	7.74	113	101725	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
50) Toluene-d8	10.19	98	432910	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.04%			
62) 4-Bromofluorobenzene	12.49	95	153712	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.91	85	35713	18.224	ug/l	99
3) Chloromethane	2.13	50	51705	19.616	ug/l	96
4) Vinyl Chloride	2.26	62	52405	19.712	ug/l	100
5) Bromomethane	2.66	94	35228	21.202	ug/l	96
6) Chloroethane	2.80	64	33629	20.527	ug/l	96
7) Trichlorofluoromethane	3.14	101	68053	20.000	ug/l	98
8) Diethyl Ether	3.55	74	25168	18.763	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	43197	20.198	ug/l	99
10) Methyl Iodide	4.11	142	48628	18.578	ug/l	99
11) Tert butyl alcohol	4.98	59	27995	96.165	ug/l	96
12) 1,1-Dichloroethene	3.89	96	43456	19.922	ug/l	93
13) Acrolein	3.76	56	19404	88.847	ug/l	99
14) Allyl chloride	4.51	41	77593	19.987	ug/l	98
15) Acrylonitrile	5.20	53	59951	87.195	ug/l	100
16) Acetone	3.97	43	54427	72.741	ug/l	98
17) Carbon Disulfide	4.22	76	143504	19.706	ug/l	98
18) Methyl Acetate	4.51	43	27498	16.876	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	110600	18.211	ug/l	98
20) Methylene Chloride	4.74	84	51460	19.362	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	48702	19.569	ug/l	95
22) Diisopropyl ether	6.14	45	155238	19.472	ug/l	96
23) Vinyl Acetate	6.09	43	475438	91.425	ug/l	99
24) 1,1-Dichloroethane	6.05	63	85785	20.133	ug/l	98
25) 2-Butanone	7.01	43	79997	78.703	ug/l	96
26) 2,2-Dichloropropane	7.01	77	74684	20.146	ug/l	98
27) cis-1,2-Dichloroethene	7.01	96	54971	20.011	ug/l	99
28) Bromochloromethane	7.36	49	31989	18.022	ug/l	98
29) Tetrahydrofuran	7.37	42	50613	82.383	ug/l	100
30) Chloroform	7.53	83	81205	19.504	ug/l	99
31) Cyclohexane	7.80	56	89956	19.801	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	69612	19.893	ug/l	99
36) 1,1-Dichloropropene	7.94	75	67828	20.066	ug/l	99
37) Ethyl Acetate	7.10	43	33696	16.702	ug/l	98
38) Carbon Tetrachloride	7.92	117	61157	20.598	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021720\
Data File : VY001643.D
Acq On : 17 Feb 2020 14:11
Operator : SY/MD
Sample : VY0217SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 17 15:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Instrument : MSVOA_Y
ClientSampleId : VY0217SBS01

Manual Integrations APPROVED
MMDadoda
2/19/2020 10:49:29 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.20	83	89727	20.008	ug/l		98
40) Benzene	8.18	78	200848	20.203	ug/l		99
41) Methacrylonitrile	7.34	41	18252m	18.017	ug/l		
42) 1,2-Dichloroethane	8.25	62	52176	19.264	ug/l		100
43) Isopropyl Acetate	8.29	43	67724	17.692	ug/l		99
44) Trichloroethene	8.96	130	48441	19.519	ug/l		99
45) 1,2-Dichloropropane	9.23	63	49614	19.927	ug/l		99
46) Dibromomethane	9.32	93	24915	19.132	ug/l		99
47) Bromodichloromethane	9.51	83	61850	19.679	ug/l		99
48) Methyl methacrylate	9.31	41	30680	17.721	ug/l		96
49) 1,4-Dioxane	9.32	88	6292	342.088	ug/l		94
51) 4-Methyl-2-Pentanone	10.08	43	168077	85.458	ug/l		98
52) Toluene	10.25	92	125699	20.270	ug/l		99
53) t-1,3-Dichloropropene	10.47	75	66817	19.230	ug/l		98
54) cis-1,3-Dichloropropene	9.94	75	78635	19.664	ug/l		99
55) 1,1,2-Trichloroethane	10.65	97	36268	18.887	ug/l		95
56) Ethyl methacrylate	10.52	69	52480	18.218	ug/l		97
57) 1,3-Dichloropropane	10.80	76	65027	19.059	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.80	63	135227	114.457	ug/l		100
59) 2-Hexanone	10.84	43	118763	80.479	ug/l		100
60) Dibromochloromethane	10.99	129	40793	19.269	ug/l		97
61) 1,2-Dibromoethane	11.10	107	34524	19.015	ug/l		98
64) Tetrachloroethene	10.72	164	40357	20.374	ug/l		99
65) Chlorobenzene	11.52	112	128005	20.319	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.60	131	43100	20.281	ug/l		99
67) Ethyl Benzene	11.60	91	240204	20.546	ug/l		97
68) m/p-Xylenes	11.70	106	182340	41.754	ug/l		98
69) o-Xylene	12.03	106	85165	20.513	ug/l		98
70) Styrene	12.05	104	147225	20.404	ug/l		99
71) Bromoform	12.21	173	22141	18.231	ug/l	#	99
73) Isopropylbenzene	12.33	105	231634	20.105	ug/l		99
74) N-amyl acetate	12.15	43	64170	17.452	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.59	83	42373	17.225	ug/l		98
76) 1,2,3-Trichloropropane	12.64	75	29455m	16.979	ug/l		
77) Bromobenzene	12.61	156	50003	20.021	ug/l		93
78) n-propylbenzene	12.67	91	289365	20.622	ug/l		100
79) 2-Chlorotoluene	12.76	91	158174	20.099	ug/l		100
80) 1,3,5-Trimethylbenzene	12.81	105	194545	20.399	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.38	75	15009	16.414	ug/l		91
82) 4-Chlorotoluene	12.86	91	167058	20.127	ug/l		98
83) tert-Butylbenzene	13.08	119	161627	20.263	ug/l		99
84) 1,2,4-Trimethylbenzene	13.13	105	192150	20.210	ug/l		99
85) sec-Butylbenzene	13.26	105	241109	20.553	ug/l		99
86) p-Isopropyltoluene	13.38	119	211274	20.731	ug/l		99
87) 1,3-Dichlorobenzene	13.37	146	98453	20.326	ug/l		98
88) 1,4-Dichlorobenzene	13.45	146	97039	19.819	ug/l		98
89) n-Butylbenzene	13.70	91	215274	20.673	ug/l		99
90) Hexachloroethane	13.96	117	38665	20.137	ug/l		95
91) 1,2-Dichlorobenzene	13.74	146	88094	19.708	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	6942	17.099	ug/l		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021720\
Data File : VY001643.D
Acq On : 17 Feb 2020 14:11
Operator : SY/MD
Sample : VY0217SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBS01

Manual Integrations APPROVED
MMDadoda
2/19/2020 10:49:29 AM

Quant Time: Feb 17 15:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	59773	20.178	ug/l	100
94) Hexachlorobutadiene	15.11	225	30643	20.801	ug/l	97
95) Naphthalene	15.24	128	124996	18.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	49244	18.896	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY021720\
Data File : VY001643.D
Acq On : 17 Feb 2020 14:11
Operator : SY/MD
Sample : VY0217SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 17 15:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBS01

Manual Integrations APPROVED
MMDadoda
2/19/2020 10:49:29 AM