Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
Data File : VD068378.D
Acq On : 17 Feb 2021 13:03
Operator : VA/SY
Sample : VD0217SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 18 00:10:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0217SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	367282	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	640559	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	574301	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260999	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	192628	51.30	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.60%				
35) Dibromofluoromethane	7.920	113	195065	51.30	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.60%				
50) Toluene-d8	10.344	98	805019	51.08	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.16%				
62) 4-Bromofluorobenzene	12.632	95	254275	49.53	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	73536	21.85	ug/l		97
3) Chloromethane	2.209	50	88082	21.98	ug/l		95
4) Vinyl Chloride	2.350	62	102015	21.27	ug/l		100
5) Bromomethane	2.762	94	69258	20.20	ug/l		97
6) Chloroethane	2.920	64	68059	21.72	ug/l		96
7) Trichlorofluoromethane	3.273	101	127920	21.67	ug/l		91
8) Diethyl Ether	3.703	74	37566	21.67	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.103	101	77630	21.61	ug/l		93
10) Methyl Iodide	4.303	142	65786	19.50	ug/l		93
11) Tert butyl alcohol	5.226	59	20146	107.02	ug/l		96
12) 1,1-Dichloroethene	4.067	96	72220	20.67	ug/l		92
13) Acrolein	3.920	56	17903	83.17	ug/l		97
14) Allyl chloride	4.714	41	96403	21.23	ug/l		95
15) Acrylonitrile	5.420	53	80378	107.40	ug/l		99
16) Acetone	4.156	43	64164	110.76	ug/l		94
17) Carbon Disulfide	4.409	76	210744	20.83	ug/l		98
18) Methyl Acetate	4.714	43	32185	20.24	ug/l	#	69
19) Methyl tert-butyl Ether	5.473	73	164539	20.88	ug/l	#	88
20) Methylene Chloride	4.967	84	94244	21.69	ug/l		89
21) trans-1,2-Dichloroethene	5.479	96	86132	21.30	ug/l		95
22) Diisopropyl ether	6.361	45	219398	21.83	ug/l		94
23) Vinyl Acetate	6.303	43	552878	106.54	ug/l		98
24) 1,1-Dichloroethane	6.267	63	148247	21.56	ug/l		98
25) 2-Butanone	7.214	43	86561	106.87	ug/l		97
26) 2,2-Dichloropropane	7.214	77	125607	21.35	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	97165	21.14	ug/l		95
28) Bromochloromethane	7.550	49	60593	21.24	ug/l	#	74
29) Tetrahydrofuran	7.567	42	55048	105.07	ug/l		94
30) Chloroform	7.714	83	154584	21.61	ug/l		93
31) Cyclohexane	7.985	56	134064	22.98	ug/l		92
32) 1,1,1-Trichloroethane	7.903	97	131156	21.22	ug/l	#	95
36) 1,1-Dichloropropene	8.108	75	119382	21.07	ug/l		95
37) Ethyl Acetate	7.291	43	39814	20.79	ug/l		97
38) Carbon Tetrachloride	8.097	117	110983	20.53	ug/l		98
39) Methylcyclohexane	9.355	83	147781	21.26	ug/l		97
40) Benzene	8.350	78	346836	21.46	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	16550	15.01	ug/l	#	68
42) 1,2-Dichloroethane	8.426	62	92421	21.44	ug/l		99
43) Isopropyl Acetate	8.450	43	76786	20.94	ug/l		97
44) Trichloroethene	9.114	130	92779	21.09	ug/l		92
45) 1,2-Dichloropropane	9.391	63	85918	21.78	ug/l		98
46) Dibromomethane	9.479	93	44318	20.71	ug/l		93
47) Bromodichloromethane	9.661	83	117786	21.23	ug/l		92
48) Methyl methacrylate	9.455	41	35708	19.51	ug/l		88
49) 1,4-Dioxane	9.461	88	10054	402.20	ug/l		89
51) 4-Methyl-2-Pentanone	10.226	43	195047	103.57	ug/l		100
52) Toluene	10.402	92	224533	21.61	ug/l		97
53) t-1,3-Dichloropropene	10.620	75	109703	21.37	ug/l		94
54) cis-1,3-Dichloropropene	10.091	75	133159	21.23	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	62392	21.11	ug/l		92
56) Ethyl methacrylate	10.661	69	72009	20.53	ug/l		96
57) 1,3-Dichloropropane	10.944	76	109532	21.12	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	194545	103.60	ug/l		93
59) 2-Hexanone	10.985	43	135837	106.70	ug/l		99
60) Dibromochloromethane	11.144	129	74847	20.41	ug/l		99
61) 1,2-Dibromoethane	11.244	107	58643	20.53	ug/l		100
64) Tetrachloroethene	10.879	164	75297	21.31	ug/l		93
65) Chlorobenzene	11.673	112	233960	21.19	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	82164	21.33	ug/l		96
67) Ethyl Benzene	11.743	91	427715	21.60	ug/l		97
68) m/p-Xylenes	11.855	106	320656	42.85	ug/l		100
69) o-Xylene	12.179	106	147605	21.50	ug/l		98
70) Styrene	12.196	104	252853	21.18	ug/l		98
71) Bromoform	12.361	173	38702	19.55	ug/l	#	97
73) Isopropylbenzene	12.479	105	407932	21.40	ug/l		99
74) N-amyl acetate	12.285	43	71039	21.10	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	69439	21.02	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	48889m	19.68	ug/l		
77) Bromobenzene	12.761	156	89698	21.06	ug/l		90
78) n-propylbenzene	12.820	91	496516	21.76	ug/l		96
79) 2-Chlorotoluene	12.908	91	273332	21.63	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	332725	21.36	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.532	75	20769	20.96	ug/l		95
82) 4-Chlorotoluene	13.002	91	285301	21.35	ug/l		95
83) tert-Butylbenzene	13.220	119	291850	21.60	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	328936	21.19	ug/l		97
85) sec-Butylbenzene	13.402	105	412544	21.83	ug/l		98
86) p-Isopropyltoluene	13.514	119	365654	21.55	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	176908	21.47	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	172523	21.04	ug/l		98
89) n-Butylbenzene	13.838	91	357981	21.62	ug/l		98
90) Hexachloroethane	14.108	117	66932	21.73	ug/l		87
91) 1,2-Dichlorobenzene	13.885	146	151824	21.25	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9492	19.65	ug/l		93
93) 1,2,4-Trichlorobenzene	15.161	180	97393	20.81	ug/l		95
94) Hexachlorobutadiene	15.267	225	56523	21.96	ug/l		95
95) Naphthalene	15.396	128	181902	20.91	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	84993	20.82	ug/l		97

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

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

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