Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
Data File : VD068634.D
Acq On : 17 Mar 2021 13:24
Operator : VA/SY
Sample : VD0317SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Manual Integrations APPROVED
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3/18/2021 2:17:56 PM

Quant Time: Mar 18 00:55:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	247135	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	408618	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	378393	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	205002	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	119734	48.49	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.98%				
35) Dibromofluoromethane	7.914	113	126834	51.53	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.06%				
50) Toluene-d8	10.344	98	485334	49.50	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.00%				
62) 4-Bromofluorobenzene	12.632	95	168499	53.33	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.66%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	51924	21.65	ug/l		99
3) Chloromethane	2.215	50	61753	20.37	ug/l		96
4) Vinyl Chloride	2.350	62	72315	20.09	ug/l		97
5) Bromomethane	2.756	94	51944	20.27	ug/l		100
6) Chloroethane	2.920	64	47378	20.36	ug/l		97
7) Trichlorofluoromethane	3.273	101	93425	22.76	ug/l		98
8) Diethyl Ether	3.709	74	26764	21.90	ug/l		96
9) 1,1,2-Trichlorotrifluo...	4.097	101	58279	23.30	ug/l		95
10) Methyl Iodide	4.303	142	49688	18.36	ug/l		96
11) Tert butyl alcohol	5.232	59	14087	106.85	ug/l	#	90
12) 1,1-Dichloroethene	4.067	96	53188	21.43	ug/l		96
13) Acrolein	3.926	56	16464	87.38	ug/l		99
14) Allyl chloride	4.714	41	64344	20.08	ug/l		96
15) Acrylonitrile	5.426	53	57741	111.92	ug/l		97
16) Acetone	4.162	43	42693	108.85	ug/l		95
17) Carbon Disulfide	4.409	76	163394	20.09	ug/l		99
18) Methyl Acetate	4.720	43	24036	23.78	ug/l		94
19) Methyl tert-butyl Ether	5.479	73	126125	23.44	ug/l		94
20) Methylene Chloride	4.967	84	70901	21.83	ug/l		95
21) trans-1,2-Dichloroethene	5.479	96	68760	23.20	ug/l		96
22) Diisopropyl ether	6.361	45	142475	20.19	ug/l		92
23) Vinyl Acetate	6.309	43	366749	100.17	ug/l		98
24) 1,1-Dichloroethane	6.267	63	101842	21.05	ug/l		100
25) 2-Butanone	7.214	43	58505	103.77	ug/l		99
26) 2,2-Dichloropropane	7.208	77	89071	22.10	ug/l		98
27) cis-1,2-Dichloroethene	7.208	96	67170	20.65	ug/l		95
28) Bromochloromethane	7.550	49	40175	21.28	ug/l	#	77
29) Tetrahydrofuran	7.567	42	36312	99.19	ug/l		97
30) Chloroform	7.708	83	107544	21.05	ug/l		96
31) Cyclohexane	7.985	56	86386	19.24	ug/l		95
32) 1,1,1-Trichloroethane	7.908	97	92313	21.17	ug/l		96
36) 1,1-Dichloropropene	8.114	75	81471	20.98	ug/l		99
37) Ethyl Acetate	7.297	43	26270	20.38	ug/l		95
38) Carbon Tetrachloride	8.097	117	84786	23.23	ug/l		96
39) Methylcyclohexane	9.355	83	99149	20.70	ug/l		98
40) Benzene	8.350	78	239390	21.49	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	14051m	18.78	ug/l		
42) 1,2-Dichloroethane	8.426	62	64885	22.15	ug/l		99
43) Isopropyl Acetate	8.450	43	53275	22.49	ug/l		98
44) Trichloroethene	9.114	130	66826	21.85	ug/l		89
45) 1,2-Dichloropropane	9.391	63	57739	21.68	ug/l		99
46) Dibromomethane	9.473	93	32048	22.12	ug/l		91
47) Bromodichloromethane	9.667	83	83110	22.17	ug/l		98
48) Methyl methacrylate	9.461	41	25093	19.88	ug/l		87
49) 1,4-Dioxane	9.455	88	7335	443.88	ug/l		92
51) 4-Methyl-2-Pentanone	10.226	43	134633	108.63	ug/l		99
52) Toluene	10.402	92	156514	22.00	ug/l		94
53) t-1,3-Dichloropropene	10.620	75	77273	22.31	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	90666	21.45	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	45446	22.66	ug/l		95
56) Ethyl methacrylate	10.661	69	49635	21.53	ug/l		96
57) 1,3-Dichloropropane	10.949	76	76347	21.81	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	122871	106.26	ug/l		92
59) 2-Hexanone	10.985	43	90934	110.07	ug/l		97
60) Dibromochloromethane	11.138	129	55923	22.53	ug/l		100
61) 1,2-Dibromoethane	11.244	107	45008	22.94	ug/l		98
64) Tetrachloroethene	10.879	164	54014	21.86	ug/l		97
65) Chlorobenzene	11.673	112	165592	21.49	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.744	131	61563	22.98	ug/l		98
67) Ethyl Benzene	11.744	91	296214	21.53	ug/l		96
68) m/p-Xylenes	11.849	106	229072	43.85	ug/l		98
69) o-Xylene	12.179	106	106684	22.17	ug/l		91
70) Styrene	12.196	104	184635	22.44	ug/l		99
71) Bromoform	12.355	173	31286	22.99	ug/l	#	95
73) Isopropylbenzene	12.479	105	292502	19.24	ug/l		99
74) N-amyl acetate	12.291	43	48254	18.63	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	53701	20.53	ug/l		96
76) 1,2,3-Trichloropropane	12.779	75	35546m	19.53	ug/l		
77) Bromobenzene	12.761	156	71129	20.50	ug/l		94
78) n-propylbenzene	12.820	91	375823	20.69	ug/l		97
79) 2-Chlorotoluene	12.908	91	206196	20.45	ug/l		100
80) 1,3,5-Trimethylbenzene	12.955	105	264359	21.21	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	14753	18.92	ug/l		96
82) 4-Chlorotoluene	13.002	91	225413	21.25	ug/l		99
83) tert-Butylbenzene	13.220	119	222066	20.93	ug/l		96
84) 1,2,4-Trimethylbenzene	13.267	105	259998	20.83	ug/l		98
85) sec-Butylbenzene	13.402	105	318775	21.27	ug/l		98
86) p-Isopropyltoluene	13.514	119	301850	22.19	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	144590	21.58	ug/l		97
88) 1,4-Dichlorobenzene	13.590	146	146053	22.00	ug/l		98
89) n-Butylbenzene	13.838	91	286738	21.85	ug/l		97
90) Hexachloroethane	14.108	117	57314	21.20	ug/l		92
91) 1,2-Dichlorobenzene	13.885	146	129626	22.55	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9996	21.68	ug/l		82
93) 1,2,4-Trichlorobenzene	15.155	180	89052	20.06	ug/l		99
94) Hexachlorobutadiene	15.261	225	51500	20.90	ug/l		99
95) Naphthalene	15.396	128	154357	19.20	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	75751	19.71	ug/l		99

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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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