Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
Data File : VD068379.D
Acq On : 17 Feb 2021 13:30
Operator : VA/SY
Sample : VD0217SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0217SBSD01

Manual Integrations APPROVED
SAM
2/18/2021 2:56:33 PM

Quant Time: Feb 18 00:11:26 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	354877	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	632415	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	563217	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	252999	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	195580	53.91	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.82%				
35) Dibromofluoromethane	7.920	113	200868	53.51	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.02%				
50) Toluene-d8	10.344	98	827139	53.16	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.32%				
62) 4-Bromofluorobenzene	12.632	95	261849	51.67	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	73183	22.50	ug/l		100
3) Chloromethane	2.209	50	86076	22.23	ug/l		99
4) Vinyl Chloride	2.350	62	104038	22.45	ug/l		98
5) Bromomethane	2.762	94	72336	21.84	ug/l		91
6) Chloroethane	2.921	64	66342	21.92	ug/l		96
7) Trichlorofluoromethane	3.274	101	125308	21.97	ug/l		100
8) Diethyl Ether	3.709	74	36610	21.85	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.103	101	76349	21.99	ug/l		94
10) Methyl Iodide	4.309	142	64763	19.86	ug/l		99
11) Tert butyl alcohol	5.215	59	18844	103.60	ug/l		97
12) 1,1-Dichloroethene	4.068	96	71098	21.06	ug/l		82
13) Acrolein	3.926	56	17576	84.50	ug/l		98
14) Allyl chloride	4.715	41	97191	22.15	ug/l		98
15) Acrylonitrile	5.432	53	77876	107.70	ug/l		98
16) Acetone	4.162	43	58620	104.73	ug/l	#	83
17) Carbon Disulfide	4.409	76	211100	21.60	ug/l		98
18) Methyl Acetate	4.726	43	31848	20.73	ug/l	#	88
19) Methyl tert-butyl Ether	5.479	73	163959	21.53	ug/l		92
20) Methylene Chloride	4.968	84	92671	22.13	ug/l		91
21) trans-1,2-Dichloroethene	5.468	96	86341	22.10	ug/l		93
22) Diisopropyl ether	6.368	45	221230	22.78	ug/l		93
23) Vinyl Acetate	6.315	43	548344	109.36	ug/l		97
24) 1,1-Dichloroethane	6.268	63	153657	23.12	ug/l		97
25) 2-Butanone	7.215	43	84299	107.71	ug/l		95
26) 2,2-Dichloropropane	7.215	77	124402	21.89	ug/l		97
27) cis-1,2-Dichloroethene	7.215	96	98282	22.13	ug/l		94
28) Bromochloromethane	7.550	49	58006	21.05	ug/l	#	79
29) Tetrahydrofuran	7.567	42	55362	109.36	ug/l		96
30) Chloroform	7.709	83	152540	22.07	ug/l		94
31) Cyclohexane	7.985	56	134995	24.04	ug/l		95
32) 1,1,1-Trichloroethane	7.903	97	131162	21.96	ug/l		95
36) 1,1-Dichloropropene	8.114	75	119368	21.34	ug/l		96
37) Ethyl Acetate	7.297	43	39176	20.72	ug/l		97
38) Carbon Tetrachloride	8.097	117	111820	20.95	ug/l		99
39) Methylcyclohexane	9.356	83	146475	21.34	ug/l		97
40) Benzene	8.356	78	345719	21.66	ug/l		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	21460	19.72	ug/l		89
42) 1,2-Dichloroethane	8.426	62	92078	21.63	ug/l		98
43) Isopropyl Acetate	8.456	43	76408	21.10	ug/l		97
44) Trichloroethene	9.114	130	93096	21.44	ug/l		90
45) 1,2-Dichloropropane	9.391	63	85954	22.07	ug/l		91
46) Dibromomethane	9.473	93	43981	20.82	ug/l		93
47) Bromodichloromethane	9.667	83	118456	21.63	ug/l		97
48) Methyl methacrylate	9.461	41	39250	21.72	ug/l		96
49) 1,4-Dioxane	9.461	88	9765	395.67	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.226	43	196065	105.45	ug/l		98
52) Toluene	10.403	92	220321	21.47	ug/l		95
53) t-1,3-Dichloropropene	10.620	75	108782	21.46	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	132882	21.46	ug/l		95
55) 1,1,2-Trichloroethane	10.803	97	60692	20.80	ug/l		91
56) Ethyl methacrylate	10.661	69	73357	21.19	ug/l		96
57) 1,3-Dichloropropane	10.950	76	109121	21.31	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	184742	99.64	ug/l		93
59) 2-Hexanone	10.985	43	131456	104.59	ug/l		98
60) Dibromochloromethane	11.144	129	77824	21.49	ug/l		99
61) 1,2-Dibromoethane	11.250	107	60385	21.41	ug/l		100
64) Tetrachloroethene	10.879	164	74471	21.49	ug/l		96
65) Chlorobenzene	11.673	112	239575	22.12	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.744	131	83466	22.09	ug/l		95
67) Ethyl Benzene	11.744	91	431451	22.22	ug/l		98
68) m/p-Xylenes	11.855	106	320186	43.63	ug/l		98
69) o-Xylene	12.179	106	144223	21.42	ug/l		100
70) Styrene	12.197	104	255560	21.82	ug/l		99
71) Bromoform	12.361	173	40317	20.77	ug/l	#	99
73) Isopropylbenzene	12.479	105	411479	22.27	ug/l		99
74) N-amyl acetate	12.285	43	66890	20.50	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	67757	21.16	ug/l		97
76) 1,2,3-Trichloropropane	12.785	75	47671m	19.80	ug/l		
77) Bromobenzene	12.761	156	89853	21.77	ug/l		90
78) n-propylbenzene	12.820	91	493894	22.33	ug/l		96
79) 2-Chlorotoluene	12.908	91	269333	21.98	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	337978	22.38	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	20450	21.29	ug/l		95
82) 4-Chlorotoluene	13.002	91	287053	22.16	ug/l		97
83) tert-Butylbenzene	13.220	119	290306	22.16	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	339836	22.59	ug/l		99
85) sec-Butylbenzene	13.402	105	410306	22.40	ug/l		98
86) p-Isopropyltoluene	13.514	119	367199	22.32	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	175843	22.02	ug/l		99
88) 1,4-Dichlorobenzene	13.597	146	172724	21.73	ug/l		97
89) n-Butylbenzene	13.838	91	354317	22.08	ug/l		98
90) Hexachloroethane	14.108	117	66145	22.15	ug/l		88
91) 1,2-Dichlorobenzene	13.885	146	150638	21.75	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	10425	22.26	ug/l		85
93) 1,2,4-Trichlorobenzene	15.155	180	100986	22.26	ug/l		99
94) Hexachlorobutadiene	15.261	225	54473	21.83	ug/l		98
95) Naphthalene	15.396	128	181722	21.55	ug/l		99
96) 1,2,3-Trichlorobenzene	15.591	180	86297	21.81	ug/l		96

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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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