Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
Data File : VD068752.D
Acq On : 01 Apr 2021 12:12
Operator : VA/SY
Sample : VD0401SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 01:02:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	368099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	599552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	560889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	266220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	195643	52.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.42%			
35) Dibromofluoromethane	7.914	113	209079	56.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.10%			
50) Toluene-d8	10.337	98	794437	55.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.48%			
62) 4-Bromofluorobenzene	12.631	95	260473	55.86	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	56249	19.55	ug/l	94
3) Chloromethane	2.208	50	63761	17.99	ug/l	98
4) Vinyl Chloride	2.350	62	80642	19.25	ug/l	100
5) Bromomethane	2.756	94	63175	20.40	ug/l	98
6) Chloroethane	2.920	64	54006	19.68	ug/l	98
7) Trichlorofluoromethane	3.273	101	112913	22.61	ug/l	100
8) Diethyl Ether	3.708	74	29814	21.59	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	69526	23.26	ug/l	97
10) Methyl Iodide	4.303	142	55834	18.23	ug/l	97
11) Tert butyl alcohol	5.214	59	18419m	107.69	ug/l	
12) 1,1-Dichloroethene	4.067	96	63602	21.86	ug/l	94
13) Acrolein	3.926	56	15457	99.21	ug/l	100
14) Allyl chloride	4.720	41	66106	18.70	ug/l	97
15) Acrylonitrile	5.426	53	67706	100.71	ug/l	98
16) Acetone	4.161	43	48609	107.94	ug/l	94
17) Carbon Disulfide	4.414	76	172795	18.50	ug/l	98
18) Methyl Acetate	4.726	43	23551	19.03	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	153321	20.92	ug/l #	91
20) Methylene Chloride	4.961	84	87725	18.72	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	81884	20.24	ug/l	93
22) Diisopropyl ether	6.367	45	177238	19.73	ug/l	99
23) Vinyl Acetate	6.308	43	445084	93.25	ug/l	98
24) 1,1-Dichloroethane	6.273	63	133892	20.32	ug/l	99
25) 2-Butanone	7.214	43	69669	93.37	ug/l	100
26) 2,2-Dichloropropane	7.208	77	114454	19.52	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	86257	19.14	ug/l	99
28) Bromochloromethane	7.549	49	45097	17.31	ug/l	90
29) Tetrahydrofuran	7.561	42	44447	94.24	ug/l	95
30) Chloroform	7.714	83	148842	20.79	ug/l	96
31) Cyclohexane	7.985	56	109195	18.23	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	132188	20.68	ug/l	97
36) 1,1-Dichloropropene	8.108	75	109496	20.45	ug/l	97
37) Ethyl Acetate	7.296	43	30795	18.22	ug/l	99
38) Carbon Tetrachloride	8.096	117	115496	21.61	ug/l	99
39) Methylcyclohexane	9.361	83	127225	19.25	ug/l	97
40) Benzene	8.349	78	317852	20.34	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	18125	18.33	ug/l	#	85
42) 1,2-Dichloroethane	8.426	62	88115	21.55	ug/l		97
43) Isopropyl Acetate	8.455	43	64975	20.04	ug/l		98
44) Trichloroethene	9.114	130	90808	20.94	ug/l		100
45) 1,2-Dichloropropane	9.390	63	78063	20.89	ug/l		98
46) Dibromomethane	9.479	93	45379	21.35	ug/l		98
47) Bromodichloromethane	9.661	83	115274	21.14	ug/l		97
48) Methyl methacrylate	9.455	41	29611	18.02	ug/l		86
49) 1,4-Dioxane	9.461	88	10093	427.34	ug/l		93
51) 4-Methyl-2-Pentanone	10.226	43	166557	98.70	ug/l		99
52) Toluene	10.402	92	210488	21.29	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	102679	20.47	ug/l		96
54) cis-1,3-Dichloropropene	10.090	75	124651	20.93	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	61482	20.56	ug/l		95
56) Ethyl methacrylate	10.661	69	67018	20.74	ug/l		99
57) 1,3-Dichloropropane	10.943	76	103698	21.25	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.943	63	151269	91.90	ug/l		96
59) 2-Hexanone	10.985	43	113559	100.22	ug/l		99
60) Dibromochloromethane	11.137	129	80831	21.80	ug/l		98
61) 1,2-Dibromoethane	11.249	107	60148	20.84	ug/l		98
64) Tetrachloroethene	10.879	164	77182	21.23	ug/l		97
65) Chlorobenzene	11.667	112	230182	20.85	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.743	131	86641	21.82	ug/l		99
67) Ethyl Benzene	11.743	91	390977	20.30	ug/l		98
68) m/p-Xylenes	11.849	106	309115	41.20	ug/l		99
69) o-Xylene	12.179	106	138622	19.94	ug/l		99
70) Styrene	12.196	104	244240	20.44	ug/l		99
71) Bromoform	12.361	173	44482	21.24	ug/l	#	96
73) Isopropylbenzene	12.479	105	380995	20.83	ug/l		100
74) N-amyl acetate	12.284	43	60512	19.85	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	68369	21.16	ug/l		98
76) 1,2,3-Trichloropropane	12.784	75	36988m	16.69	ug/l		
77) Bromobenzene	12.761	156	93488	21.79	ug/l		97
78) n-propylbenzene	12.820	91	457669	21.01	ug/l		99
79) 2-Chlorotoluene	12.908	91	254010	21.37	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	319548	21.60	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	20983	21.54	ug/l		96
82) 4-Chlorotoluene	13.002	91	269580	21.23	ug/l		97
83) tert-Butylbenzene	13.220	119	261537	20.75	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	322678	21.12	ug/l		98
85) sec-Butylbenzene	13.396	105	381600	20.82	ug/l		99
86) p-Isopropyltoluene	13.514	119	346756	20.79	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	176985	20.68	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	177297	21.08	ug/l		98
89) n-Butylbenzene	13.837	91	323248	20.42	ug/l		99
90) Hexachloroethane	14.108	117	68197	22.73	ug/l		99
91) 1,2-Dichlorobenzene	13.884	146	154900	21.31	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10118	21.88	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	98673	20.89	ug/l		98
94) Hexachlorobutadiene	15.261	225	57468	21.31	ug/l		96
95) Naphthalene	15.396	128	168637	20.40	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	86652	21.55	ug/l		100

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

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