Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031921\
Data File : VD068669.D
Acq On : 19 Mar 2021 18:43
Operator : VA/SY
Sample : VD0319SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBS01

Manual Integrations APPROVED
MMDadoda
3/22/2021 11:37:05 AM

Quant Time: Mar 20 02:33:15 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	307736	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	539430	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	490061	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	236236	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	157221	50.67	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.34%				
35) Dibromofluoromethane	7.914	113	167358	49.86	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.72%				
50) Toluene-d8	10.338	98	647162	50.01	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.02%				
62) 4-Bromofluorobenzene	12.632	95	213140	50.80	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	41308	17.17	ug/l		99
3) Chloromethane	2.209	50	57379	19.36	ug/l		100
4) Vinyl Chloride	2.350	62	63345	18.08	ug/l		98
5) Bromomethane	2.756	94	51788	20.01	ug/l		99
6) Chloroethane	2.914	64	44242	19.28	ug/l		99
7) Trichlorofluoromethane	3.273	101	81305	19.47	ug/l		94
8) Diethyl Ether	3.709	74	25593	22.16	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.097	101	51893	20.77	ug/l		96
10) Methyl Iodide	4.297	142	42751	16.99	ug/l		97
11) Tert butyl alcohol	5.232	59	16323	114.16	ug/l	#	94
12) 1,1-Dichloroethene	4.073	96	47843	19.67	ug/l		94
13) Acrolein	3.920	56	15688	124.21	ug/l		100
14) Allyl chloride	4.720	41	58133	19.67	ug/l		100
15) Acrylonitrile	5.426	53	59481	105.83	ug/l		94
16) Acetone	4.161	43	34632	91.99	ug/l		99
17) Carbon Disulfide	4.414	76	143780	18.41	ug/l		97
18) Methyl Acetate	4.720	43	21775	21.04	ug/l		93
19) Methyl tert-butyl Ether	5.479	73	132509	21.63	ug/l		96
20) Methylene Chloride	4.967	84	83582	22.35	ug/l		96
21) trans-1,2-Dichloroethene	5.473	96	70866	20.95	ug/l		88
22) Diisopropyl ether	6.361	45	163645	21.79	ug/l		95
23) Vinyl Acetate	6.303	43	414014	103.75	ug/l		98
24) 1,1-Dichloroethane	6.267	63	116171	21.09	ug/l		97
25) 2-Butanone	7.214	43	64206	102.93	ug/l		97
26) 2,2-Dichloropropane	7.214	77	93918	19.16	ug/l		97
27) cis-1,2-Dichloroethene	7.208	96	80566	21.38	ug/l		99
28) Bromochloromethane	7.544	49	41732	19.16	ug/l		99
29) Tetrahydrofuran	7.561	42	41516	105.29	ug/l		97
30) Chloroform	7.714	83	127020	21.22	ug/l		97
31) Cyclohexane	7.985	56	95951	19.16	ug/l		92
32) 1,1,1-Trichloroethane	7.902	97	109636	20.51	ug/l		99
36) 1,1-Dichloropropene	8.114	75	96199	19.97	ug/l		98
37) Ethyl Acetate	7.302	43	33047	21.73	ug/l		95
38) Carbon Tetrachloride	8.102	117	94409	19.63	ug/l		96
39) Methylcyclohexane	9.355	83	110390	18.56	ug/l		96
40) Benzene	8.355	78	283346	20.16	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	18829m	21.16	ug/l		
42) 1,2-Dichloroethane	8.426	62	81027	22.03	ug/l		97
43) Isopropyl Acetate	8.449	43	61646	21.14	ug/l		97
44) Trichloroethene	9.114	130	80239	20.57	ug/l		91
45) 1,2-Dichloropropane	9.391	63	72333	21.51	ug/l		93
46) Dibromomethane	9.479	93	38915	20.35	ug/l		94
47) Bromodichloromethane	9.661	83	102564	20.91	ug/l		96
48) Methyl methacrylate	9.455	41	28409	19.22	ug/l		89
49) 1,4-Dioxane	9.467	88	8834	415.72	ug/l		93
51) 4-Methyl-2-Pentanone	10.232	43	154547	101.79	ug/l		98
52) Toluene	10.402	92	185145	20.81	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	91825	20.35	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	110129	20.55	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	58010	21.56	ug/l		93
56) Ethyl methacrylate	10.661	69	59461	20.46	ug/l		98
57) 1,3-Dichloropropane	10.943	76	91640	20.88	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	144129	97.32	ug/l		100
59) 2-Hexanone	10.985	43	106385	104.35	ug/l		99
60) Dibromochloromethane	11.143	129	69385	20.80	ug/l		99
61) 1,2-Dibromoethane	11.243	107	53177	20.48	ug/l		99
64) Tetrachloroethene	10.873	164	64669	20.36	ug/l		98
65) Chlorobenzene	11.673	112	197802	20.51	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	74898	21.58	ug/l		98
67) Ethyl Benzene	11.743	91	341208	20.28	ug/l		99
68) m/p-Xylenes	11.855	106	268327	40.93	ug/l		98
69) o-Xylene	12.179	106	122609	20.18	ug/l		99
70) Styrene	12.196	104	217663	20.85	ug/l		100
71) Bromoform	12.355	173	39094	21.36	ug/l	#	96
73) Isopropylbenzene	12.479	105	334461	20.61	ug/l		100
74) N-amyl acetate	12.285	43	55789	20.62	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	61979	21.61	ug/l		97
76) 1,2,3-Trichloropropane	12.785	75	37913m	19.28	ug/l		
77) Bromobenzene	12.761	156	80739	21.21	ug/l		98
78) n-propylbenzene	12.820	91	398017	20.60	ug/l		99
79) 2-Chlorotoluene	12.902	91	215474	20.43	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	269391	20.52	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	18005	20.83	ug/l		97
82) 4-Chlorotoluene	13.002	91	233264	20.70	ug/l		99
83) tert-Butylbenzene	13.220	119	229867	20.55	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	278892	20.57	ug/l		98
85) sec-Butylbenzene	13.396	105	329762	20.28	ug/l		100
86) p-Isopropyltoluene	13.514	119	298376	20.16	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	156288	20.58	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	157289	21.08	ug/l		99
89) n-Butylbenzene	13.837	91	277000	19.72	ug/l		99
90) Hexachloroethane	14.108	117	54495	20.47	ug/l		98
91) 1,2-Dichlorobenzene	13.884	146	136693	21.19	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9038	22.03	ug/l		93
93) 1,2,4-Trichlorobenzene	15.161	180	85221	20.33	ug/l		99
94) Hexachlorobutadiene	15.261	225	46278	19.34	ug/l		98
95) Naphthalene	15.396	128	146144	19.92	ug/l		98
96) 1,2,3-Trichlorobenzene	15.590	180	73797	20.68	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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