Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
Data File : VD068426.D
Acq On : 24 Feb 2021 09:41
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 25 00:08:33 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 :
VSTDCCC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	358985	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	617698	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	555665	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	261524	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	194855	53.09	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.18%				
35) Dibromofluoromethane	7.914	113	196258	53.53	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.06%				
50) Toluene-d8	10.338	98	784349	51.61	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.22%				
62) 4-Bromofluorobenzene	12.632	95	250896	50.68	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.36%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	133479	40.58	ug/l		95
3) Chloromethane	2.209	50	163762	41.81	ug/l		96
4) Vinyl Chloride	2.350	62	199888	42.63	ug/l		96
5) Bromomethane	2.767	94	135387	40.40	ug/l		98
6) Chloroethane	2.926	64	132958	43.42	ug/l		98
7) Trichlorofluoromethane	3.273	101	256801	44.50	ug/l		100
8) Diethyl Ether	3.714	74	77606	45.79	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.091	101	160025	45.57	ug/l		93
10) Methyl Iodide	4.303	142	148393	45.00	ug/l		93
11) Tert butyl alcohol	5.226	59	49098	266.85	ug/l		98
12) 1,1-Dichloroethene	4.073	96	152779	44.75	ug/l		99
13) Acrolein	3.920	56	62064	294.99	ug/l		97
14) Allyl chloride	4.714	41	197759	44.55	ug/l		98
15) Acrylonitrile	5.420	53	181815	248.56	ug/l		99
16) Acetone	4.156	43	164385	290.33	ug/l		89
17) Carbon Disulfide	4.408	76	399940	40.45	ug/l		99
18) Methyl Acetate	4.714	43	78413	50.46	ug/l		93
19) Methyl tert-butyl Ether	5.473	73	370190	48.05	ug/l	#	91
20) Methylene Chloride	4.967	84	181624	45.91	ug/l		93
21) trans-1,2-Dichloroethene	5.473	96	174367	44.13	ug/l		98
22) Diisopropyl ether	6.361	45	457658	46.59	ug/l	#	95
23) Vinyl Acetate	6.308	43	1233059	243.10	ug/l		99
24) 1,1-Dichloroethane	6.267	63	304480	45.30	ug/l		99
25) 2-Butanone	7.214	43	206920	261.37	ug/l		99
26) 2,2-Dichloropropane	7.214	77	274537	47.75	ug/l		100
27) cis-1,2-Dichloroethene	7.208	96	205932	45.85	ug/l		96
28) Bromochloromethane	7.549	49	150488	53.98	ug/l		80
29) Tetrahydrofuran	7.561	42	127935	249.83	ug/l		98
30) Chloroform	7.714	83	328362	46.97	ug/l		97
31) Cyclohexane	7.985	56	248901	45.41	ug/l		96
32) 1,1,1-Trichloroethane	7.902	97	280591	46.45	ug/l		96
36) 1,1-Dichloropropene	8.114	75	245135	44.86	ug/l		96
37) Ethyl Acetate	7.291	43	96032	52.01	ug/l		95
38) Carbon Tetrachloride	8.096	117	238564	45.77	ug/l		95
39) Methylcyclohexane	9.355	83	292339	43.61	ug/l		98
40) Benzene	8.349	78	707456	45.39	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	46714	43.95	ug/l		87
42) 1,2-Dichloroethane	8.426	62	196257	47.20	ug/l		99
43) Isopropyl Acetate	8.455	43	181581	51.35	ug/l		96
44) Trichloroethene	9.114	130	197506	46.56	ug/l		100
45) 1,2-Dichloropropane	9.391	63	180223	47.38	ug/l		96
46) Dibromomethane	9.479	93	97397	47.20	ug/l		95
47) Bromodichloromethane	9.661	83	257357	48.11	ug/l		96
48) Methyl methacrylate	9.455	41	89424	50.67	ug/l		94
49) 1,4-Dioxane	9.461	88	24182	1003.17	ug/l		96
51) 4-Methyl-2-Pentanone	10.232	43	465803	256.48	ug/l		100
52) Toluene	10.402	92	463129	46.21	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	238350	48.15	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	278919	46.11	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	140671	49.35	ug/l		93
56) Ethyl methacrylate	10.661	69	168532	49.83	ug/l		96
57) 1,3-Dichloropropane	10.949	76	245009	48.98	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.943	63	492890	272.18	ug/l		91
59) 2-Hexanone	10.985	43	332505	270.85	ug/l		99
60) Dibromochloromethane	11.137	129	171074	48.37	ug/l		98
61) 1,2-Dibromoethane	11.249	107	132561	48.12	ug/l		100
64) Tetrachloroethene	10.879	164	155134	45.37	ug/l		97
65) Chlorobenzene	11.673	112	495056	46.34	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.743	131	179114	48.05	ug/l		98
67) Ethyl Benzene	11.743	91	890740	46.50	ug/l		99
68) m/p-Xylenes	11.855	106	678504	93.72	ug/l		100
69) o-Xylene	12.179	106	318074	47.89	ug/l		94
70) Styrene	12.196	104	552031	47.78	ug/l		99
71) Bromoform	12.361	173	95306	49.76	ug/l	#	99
73) Isopropylbenzene	12.479	105	869254	45.50	ug/l		100
74) N-amyl acetate	12.290	43	171414	50.82	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	159838	48.28	ug/l		98
76) 1,2,3-Trichloropropane	12.784	75	116885m	46.97	ug/l		
77) Bromobenzene	12.761	156	196096	45.95	ug/l		90
78) n-propylbenzene	12.820	91	1033771	45.21	ug/l		98
79) 2-Chlorotoluene	12.908	91	572414	45.20	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	709640	45.46	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	49642	50.00	ug/l		96
82) 4-Chlorotoluene	13.002	91	600071	44.82	ug/l		98
83) tert-Butylbenzene	13.220	119	614508	45.38	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	706863	45.45	ug/l		98
85) sec-Butylbenzene	13.402	105	866091	45.73	ug/l		98
86) p-Isopropyltoluene	13.514	119	798899	46.99	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	377076	45.67	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	371537	45.23	ug/l		99
89) n-Butylbenzene	13.843	91	758274	45.70	ug/l		98
90) Hexachloroethane	14.108	117	144892	46.94	ug/l		90
91) 1,2-Dichlorobenzene	13.884	146	326183	45.56	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	24455	50.52	ug/l		89
93) 1,2,4-Trichlorobenzene	15.161	180	223147	47.59	ug/l		99
94) Hexachlorobutadiene	15.267	225	119943	46.51	ug/l		99
95) Naphthalene	15.396	128	430076	49.34	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	191359	46.79	ug/l		99

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

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