Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069133.D
Acq On : 12 May 2021 12:05
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
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5/13/2021 4:05:41 PM

Quant Time: May 13 03:32:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 03:30:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	286225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	473397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	448441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	31929	11.13	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 22.26%#			
35) Dibromofluoromethane	7.920	113	32594	10.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 21.16%#			
50) Toluene-d8	10.337	98	113523	10.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 20.06%#			
62) 4-Bromofluorobenzene	12.631	95	37312	10.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 20.48%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	36532	12.00	ug/l	95
3) Chloromethane	2.208	50	41022	11.73	ug/l	92
4) Vinyl Chloride	2.350	62	53110	11.52	ug/l	93
5) Bromomethane	2.761	94	39965	11.52	ug/l	95
6) Chloroethane	2.920	64	35087	11.83	ug/l	97
7) Trichlorofluoromethane	3.273	101	59962	10.66	ug/l	96
8) Diethyl Ether	3.708	74	12724	9.91	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	35748	11.22	ug/l	96
10) Methyl Iodide	4.297	142	26466	8.71	ug/l	99
11) Tert butyl alcohol	5.208	59	13638m	69.54	ug/l	
12) 1,1-Dichloroethene	4.067	96	30598	10.69	ug/l	96
13) Acrolein	3.926	56	11940	51.14	ug/l	95
14) Allyl chloride	4.714	41	33533	10.67	ug/l	92
15) Acrylonitrile	5.426	53	25390	52.98	ug/l	99
16) Acetone	4.161	43	24294	55.28	ug/l	95
17) Carbon Disulfide	4.408	76	105087	11.07	ug/l	97
18) Methyl Acetate	4.732	43	11100	10.40	ug/l	93
19) Methyl tert-butyl Ether	5.485	73	52128	10.03	ug/l	94
20) Methylene Chloride	4.967	84	60805	13.07	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	36962	10.89	ug/l	94
22) Diisopropyl ether	6.367	45	66509	10.60	ug/l	93
23) Vinyl Acetate	6.308	43	178630	48.25	ug/l	97
24) 1,1-Dichloroethane	6.261	63	59112	10.91	ug/l	98
25) 2-Butanone	7.214	43	32076	53.86	ug/l	100
26) 2,2-Dichloropropane	7.214	77	55933	11.03	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	39476	10.71	ug/l	95
28) Bromochloromethane	7.543	49	19050	9.86	ug/l	94
29) Tetrahydrofuran	7.567	42	16748	51.74	ug/l	96
30) Chloroform	7.714	83	67897	11.13	ug/l	85
31) Cyclohexane	7.985	56	46364	10.90	ug/l #	91
32) 1,1,1-Trichloroethane	7.902	97	60004	10.84	ug/l	100
36) 1,1-Dichloropropene	8.114	75	48660	10.57	ug/l	100
37) Ethyl Acetate	7.291	43	15724	10.63	ug/l #	94
38) Carbon Tetrachloride	8.096	117	53844	10.47	ug/l	91
39) Methylcyclohexane	9.355	83	47858	9.86	ug/l	96
40) Benzene	8.349	78	141178	10.71	ug/l	93

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41) Methacrylonitrile	7.538	41	8146m	11.19	ug/l		
42) 1,2-Dichloroethane	8.420	62	38949	10.82	ug/l		98
43) Isopropyl Acetate	8.455	43	28403	10.58	ug/l		96
44) Trichloroethene	9.114	130	38146	10.35	ug/l		92
45) 1,2-Dichloropropane	9.385	63	34769	11.17	ug/l		93
46) Dibromomethane	9.479	93	19933	10.72	ug/l		99
47) Bromodichloromethane	9.661	83	51576	10.90	ug/l		96
48) Methyl methacrylate	9.461	41	11981	9.65	ug/l	#	89
49) 1,4-Dioxane	9.467	88	3835	219.21	ug/l		94
51) 4-Methyl-2-Pentanone	10.226	43	70819	51.26	ug/l		98
52) Toluene	10.402	92	87290	10.26	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	42847	10.30	ug/l		95
54) cis-1,3-Dichloropropene	10.090	75	51634	10.38	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	26943	10.75	ug/l		95
56) Ethyl methacrylate	10.661	69	23824	9.52	ug/l		97
57) 1,3-Dichloropropane	10.943	76	43394	10.71	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.943	63	60984	49.14	ug/l		98
59) 2-Hexanone	10.984	43	47615	51.65	ug/l		93
60) Dibromochloromethane	11.137	129	34309	10.65	ug/l		96
61) 1,2-Dibromoethane	11.243	107	26143	10.55	ug/l		99
64) Tetrachloroethene	10.873	164	33878	10.87	ug/l		96
65) Chlorobenzene	11.667	112	96902	10.43	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.743	131	37832	10.79	ug/l		98
67) Ethyl Benzene	11.743	91	158674	9.92	ug/l		99
68) m/p-Xylenes	11.855	106	125970	20.10	ug/l		99
69) o-Xylene	12.179	106	52897	9.49	ug/l		99
70) Styrene	12.190	104	97569	10.03	ug/l		97
71) Bromoform	12.355	173	20088	11.02	ug/l	#	96
73) Isopropylbenzene	12.479	105	158243	10.15	ug/l		99
74) N-amyl acetate	12.284	43	24943	9.78	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.726	83	31547	11.16	ug/l		99
76) 1,2,3-Trichloropropane	12.778	75	14815m	8.87	ug/l		
77) Bromobenzene	12.761	156	37551	10.15	ug/l		96
78) n-propylbenzene	12.814	91	184623	9.81	ug/l		99
79) 2-Chlorotoluene	12.902	91	104245	9.96	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	123605	9.61	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	8252	9.94	ug/l		98
82) 4-Chlorotoluene	13.002	91	112831	10.12	ug/l		98
83) tert-Butylbenzene	13.220	119	100501	9.38	ug/l		95
84) 1,2,4-Trimethylbenzene	13.267	105	123640	9.56	ug/l		97
85) sec-Butylbenzene	13.396	105	154034	9.56	ug/l		100
86) p-Isopropyltoluene	13.514	119	133841	9.45	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	75079	10.02	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	77664	10.47	ug/l		97
89) n-Butylbenzene	13.837	91	123964	9.40	ug/l		98
90) Hexachloroethane	14.108	117	27399	10.33	ug/l		99
91) 1,2-Dichlorobenzene	13.884	146	67292	10.46	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	4051	9.23	ug/l		98
93) 1,2,4-Trichlorobenzene	15.155	180	42984	10.90	ug/l		99
94) Hexachlorobutadiene	15.261	225	25494	10.78	ug/l		99
95) Naphthalene	15.390	128	61676	9.34	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	34478	10.22	ug/l		99

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

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