Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075282.D
Acq On : 08 Feb 2023 20:04
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/09/2023
Supervised By :Mahesh Dadoda 02/09/2023

Quant Time: Feb 09 05:43:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	49639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	82032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	76824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29934	51.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.860%			
35) Dibromofluoromethane	7.810	113	29423	51.152	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.300%			
50) Toluene-d8	10.269	98	106001	48.593	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.180%			
62) 4-Bromofluorobenzene	12.575	95	37140	51.635	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	17966	44.593	ug/l	100
3) Chloromethane	2.146	50	32207	46.453	ug/l	99
4) Vinyl Chloride	2.281	62	32624	39.505	ug/l	100
5) Bromomethane	2.693	94	21806	41.270	ug/l	100
6) Chloroethane	2.834	64	24244	42.555	ug/l	98
7) Trichlorofluoromethane	3.175	101	43863	42.718	ug/l	95
8) Diethyl Ether	3.593	74	13834	50.118	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.975	101	26892	46.152	ug/l	99
10) Methyl Iodide	4.164	142	33652	47.759	ug/l	95
11) Tert butyl alcohol	5.046	59	7843	227.064	ug/l	98
12) 1,1-Dichloroethene	3.946	96	27035	48.661	ug/l	96
13) Acrolein	3.799	56	3672	195.685	ug/l #	79
14) Allyl chloride	4.564	41	44427	48.062	ug/l	93
15) Acrylonitrile	5.264	53	33529	262.594	ug/l	99
16) Acetone	4.022	43	32269	209.664	ug/l	96
17) Carbon Disulfide	4.269	76	76931	44.883	ug/l	97
18) Methyl Acetate	4.569	43	20866	51.056	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	66864	52.420	ug/l	97
20) Methylene Chloride	4.805	84	34319	53.328	ug/l	97
21) trans-1,2-Dichloroethene	5.316	96	31207	49.638	ug/l	98
22) Diisopropyl ether	6.222	45	94129	51.195	ug/l	93
23) Vinyl Acetate	6.158	43	177506m	283.544	ug/l	
24) 1,1-Dichloroethane	6.111	63	58722	51.227	ug/l	97
25) 2-Butanone	7.081	43	44004	230.745	ug/l	97
26) 2,2-Dichloropropane	7.075	77	47383	46.699	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	35960	51.125	ug/l	99
28) Bromochloromethane	7.428	49	15132	53.153	ug/l #	90
29) Tetrahydrofuran	7.446	42	27073	263.634	ug/l	97
30) Chloroform	7.599	83	59712	50.610	ug/l	100
31) Cyclohexane	7.881	56	44398	42.957	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	52268	49.526	ug/l	98
36) 1,1-Dichloropropene	8.005	75	42241	47.142	ug/l	100
37) Ethyl Acetate	7.169	43	19492	49.879	ug/l	96
38) Carbon Tetrachloride	7.993	117	38913	46.866	ug/l	99
39) Methylcyclohexane	9.275	83	48129	46.405	ug/l	96
40) Benzene	8.252	78	127404	50.591	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.405	41	10880	46.671	ug/l		94
42) 1,2-Dichloroethane	8.328	62	38008	52.130	ug/l		98
43) Isopropyl Acetate	8.363	43	37575	50.321	ug/l		97
44) Trichloroethene	9.028	130	33132	47.727	ug/l		98
45) 1,2-Dichloropropane	9.305	63	31766	49.668	ug/l		97
46) Dibromomethane	9.399	93	17900	50.504	ug/l		96
47) Bromodichloromethane	9.581	83	45734	51.847	ug/l		99
48) Methyl methacrylate	9.381	41	18383	51.839	ug/l		93
49) 1,4-Dioxane	9.387	88	3242	959.969	ug/l		94
51) 4-Methyl-2-Pentanone	10.157	43	97021	257.009	ug/l		95
52) Toluene	10.334	92	80971	51.047	ug/l		99
53) t-1,3-Dichloropropene	10.557	75	39008	51.053	ug/l		93
54) cis-1,3-Dichloropropene	10.016	75	47679	52.193	ug/l		95
55) 1,1,2-Trichloroethane	10.734	97	23390	51.697	ug/l		98
56) Ethyl methacrylate	10.599	69	29329	55.760	ug/l		99
57) 1,3-Dichloropropane	10.881	76	41103	53.329	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	38768	251.956	ug/l		99
59) 2-Hexanone	10.922	43	66118	239.735	ug/l		97
60) Dibromochloromethane	11.075	129	29333	52.329	ug/l		99
61) 1,2-Dibromoethane	11.181	107	22042	50.525	ug/l		99
64) Tetrachloroethene	10.810	164	28076	47.451	ug/l		90
65) Chlorobenzene	11.610	112	85909	49.586	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	31197	49.459	ug/l		96
67) Ethyl Benzene	11.687	91	155306	48.555	ug/l		100
68) m/p-Xylenes	11.793	106	120653	99.165	ug/l		99
69) o-Xylene	12.122	106	56804	49.982	ug/l		96
70) Styrene	12.140	104	97502	50.646	ug/l		99
71) Bromoform	12.304	173	17409	51.382	ug/l	#	95
73) Isopropylbenzene	12.422	105	150098	46.588	ug/l		99
74) N-amyl acetate	12.234	43	34536	47.703	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.675	83	27379	48.845	ug/l		98
76) 1,2,3-Trichloropropane	12.728	75	19540m	43.256	ug/l		
77) Bromobenzene	12.704	156	35406	48.531	ug/l		99
78) n-propylbenzene	12.763	91	187470	46.763	ug/l		99
79) 2-Chlorotoluene	12.851	91	103300	46.977	ug/l		100
80) 1,3,5-Trimethylbenzene	12.904	105	128092	47.749	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.469	75	6525	47.017	ug/l		96
82) 4-Chlorotoluene	12.951	91	106535	46.444	ug/l		99
83) tert-Butylbenzene	13.169	119	109400	47.304	ug/l		99
84) 1,2,4-Trimethylbenzene	13.216	105	127235	47.487	ug/l		98
85) sec-Butylbenzene	13.345	105	167207	47.128	ug/l		99
86) p-Isopropyltoluene	13.463	119	139228	47.972	ug/l		98
87) 1,3-Dichlorobenzene	13.463	146	70415	47.752	ug/l		98
88) 1,4-Dichlorobenzene	13.540	146	70191	47.571	ug/l		99
89) n-Butylbenzene	13.787	91	131668	46.470	ug/l		99
90) Hexachloroethane	14.051	117	26576	46.448	ug/l		95
91) 1,2-Dichlorobenzene	13.834	146	61497	48.065	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4289	49.333	ug/l		94
93) 1,2,4-Trichlorobenzene	15.098	180	36995	46.167	ug/l		99
94) Hexachlorobutadiene	15.204	225	18764	44.383	ug/l		98
95) Naphthalene	15.334	128	71175	47.721	ug/l		100
96) 1,2,3-Trichlorobenzene	15.528	180	33324	48.199	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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