Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
Data File : VD077514.D
Acq On : 08 Nov 2023 09:53
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 01:34:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2023
Supervised By :Mahesh Dadoda 11/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	213371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	386373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348515	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	162410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	153906	51.010	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.020%			
35) Dibromofluoromethane	7.811	113	137013	51.307	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.269	98	551201	53.139	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.575	95	173352	49.620	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	69517	40.406	ug/l	97
3) Chloromethane	2.152	50	141358	51.751	ug/l	100
4) Vinyl Chloride	2.287	62	162665	61.070	ug/l	96
5) Bromomethane	2.699	94	94610	67.784	ug/l	97
6) Chloroethane	2.840	64	116810	65.136	ug/l	98
7) Trichlorofluoromethane	3.181	101	175407	47.025	ug/l	98
8) Diethyl Ether	3.599	74	62988	46.977	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	3.970	101	105965	47.057	ug/l	93
10) Methyl Iodide	4.170	142	123892	43.970	ug/l	91
11) Tert butyl alcohol	5.058	59	46112	192.937	ug/l	99
12) 1,1-Dichloroethene	3.946	96	101380	47.555	ug/l #	65
13) Acrolein	3.805	56	63322	200.914	ug/l	96
14) Allyl chloride	4.569	41	230661	44.850	ug/l #	85
15) Acrylonitrile	5.258	53	168113	231.937	ug/l	96
16) Acetone	4.022	43	198543	248.682	ug/l #	77
17) Carbon Disulfide	4.281	76	293527	45.040	ug/l #	94
18) Methyl Acetate	4.564	43	140509	48.248	ug/l #	77
19) Methyl tert-butyl Ether	5.317	73	304006	45.430	ug/l	92
20) Methylene Chloride	4.811	84	136429	45.224	ug/l #	71
21) trans-1,2-Dichloroethene	5.322	96	119047	47.948	ug/l #	78
22) Diisopropyl ether	6.222	45	500448	45.785	ug/l #	90
23) Vinyl Acetate	6.158	43	1045711m	221.757	ug/l	
24) 1,1-Dichloroethane	6.116	63	264032	46.553	ug/l	95
25) 2-Butanone	7.081	43	243299	228.468	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	221937	44.156	ug/l	91
27) cis-1,2-Dichloroethene	7.087	96	147833	48.061	ug/l	75
28) Bromochloromethane	7.428	49	118823	46.371	ug/l #	57
29) Tetrahydrofuran	7.446	42	140445	222.368	ug/l #	71
30) Chloroform	7.599	83	248432	46.913	ug/l	95
31) Cyclohexane	7.881	56	213849	45.340	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	202431	46.396	ug/l	96
36) 1,1-Dichloropropene	8.011	75	186446	47.090	ug/l	92
37) Ethyl Acetate	7.169	43	96870	42.632	ug/l #	89
38) Carbon Tetrachloride	7.993	117	173151	46.408	ug/l	97
39) Methylcyclohexane	9.275	83	210195	46.528	ug/l #	83
40) Benzene	8.252	78	543790	48.165	ug/l	99

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41) Methacrylonitrile	7.405	41	63423	43.622	ug/l	#	72
42) 1,2-Dichloroethane	8.328	62	157444	44.029	ug/l		91
43) Isopropyl Acetate	8.363	43	196958	42.004	ug/l	#	82
44) Trichloroethene	9.028	130	127221	46.001	ug/l		91
45) 1,2-Dichloropropane	9.305	63	153484	46.176	ug/l		100
46) Dibromomethane	9.399	93	69954	43.732	ug/l		90
47) Bromodichloromethane	9.587	83	190939	45.161	ug/l		100
48) Methyl methacrylate	9.381	41	95114	42.494	ug/l	#	65
49) 1,4-Dioxane	9.393	88	14206	826.489	ug/l	#	61
51) 4-Methyl-2-Pentanone	10.163	43	493529	213.832	ug/l	#	82
52) Toluene	10.334	92	327378	47.565	ug/l		98
53) t-1,3-Dichloropropene	10.557	75	200433	44.770	ug/l		97
54) cis-1,3-Dichloropropene	10.022	75	233170	45.258	ug/l	#	81
55) 1,1,2-Trichloroethane	10.734	97	96210	45.081	ug/l		92
56) Ethyl methacrylate	10.599	69	139100	43.837	ug/l	#	66
57) 1,3-Dichloropropane	10.881	76	182749	45.813	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.869	63	423173	266.388	ug/l	#	85
59) 2-Hexanone	10.922	43	375597	220.907	ug/l		79
60) Dibromochloromethane	11.075	129	115561	45.031	ug/l		97
61) 1,2-Dibromoethane	11.181	107	88452	43.766	ug/l		100
64) Tetrachloroethene	10.810	164	98560	44.419	ug/l		89
65) Chlorobenzene	11.610	112	340265	46.603	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.681	131	123214	44.657	ug/l		97
67) Ethyl Benzene	11.687	91	653813	46.539	ug/l		94
68) m/p-Xylenes	11.793	106	476063	93.841	ug/l		82
69) o-Xylene	12.122	106	228241	46.970	ug/l		84
70) Styrene	12.140	104	390706	46.608	ug/l	#	91
71) Bromoform	12.304	173	66770	43.650	ug/l	#	96
73) Isopropylbenzene	12.422	105	608322	45.941	ug/l		94
74) N-amyl acetate	12.234	43	185763	39.607	ug/l	#	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	112357	43.287	ug/l		98
76) 1,2,3-Trichloropropane	12.722	75	87395m	44.213	ug/l		
77) Bromobenzene	12.704	156	132674	45.520	ug/l		76
78) n-propylbenzene	12.763	91	763958	45.438	ug/l		94
79) 2-Chlorotoluene	12.851	91	421812	44.310	ug/l		90
80) 1,3,5-Trimethylbenzene	12.904	105	503330	45.301	ug/l		92
81) trans-1,4-Dichloro-2-b...	12.469	75	42681	41.708	ug/l		89
82) 4-Chlorotoluene	12.951	91	438056	44.177	ug/l		89
83) tert-Butylbenzene	13.169	119	424603	45.454	ug/l		90
84) 1,2,4-Trimethylbenzene	13.216	105	503786	45.645	ug/l		93
85) sec-Butylbenzene	13.346	105	653563	45.726	ug/l		94
86) p-Isopropyltoluene	13.463	119	537470	46.263	ug/l		95
87) 1,3-Dichlorobenzene	13.463	146	264946	46.245	ug/l		96
88) 1,4-Dichlorobenzene	13.540	146	256574	44.824	ug/l		96
89) n-Butylbenzene	13.793	91	547620	45.351	ug/l		97
90) Hexachloroethane	14.057	117	103571	43.566	ug/l		93
91) 1,2-Dichlorobenzene	13.834	146	225436	44.774	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.451	75	17596	40.240	ug/l		78
93) 1,2,4-Trichlorobenzene	15.104	180	148902	43.049	ug/l		98
94) Hexachlorobutadiene	15.204	225	82064	43.984	ug/l		99
95) Naphthalene	15.334	128	281350	42.639	ug/l		99
96) 1,2,3-Trichlorobenzene	15.522	180	130800	43.809	ug/l		99

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

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