Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
Data File : VD077160.D
Acq On : 20 Sep 2023 10:02
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 02:21:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	229341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	365861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	182257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114225	49.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.700%			
35) Dibromofluoromethane	7.804	113	133485	52.527	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.269	98	491953	54.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.780%			
62) 4-Bromofluorobenzene	12.575	95	148881	53.104	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	110655	46.689	ug/l	95
3) Chloromethane	2.146	50	216442	49.404	ug/l	99
4) Vinyl Chloride	2.281	62	239042	51.007	ug/l	98
5) Bromomethane	2.687	94	184318	54.001	ug/l	100
6) Chloroethane	2.834	64	163794	56.169	ug/l	98
7) Trichlorofluoromethane	3.175	101	234820	55.436	ug/l	98
8) Diethyl Ether	3.593	74	70338	51.449	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.963	101	137988	52.104	ug/l	99
10) Methyl Iodide	4.157	142	188683	49.847	ug/l	93
11) Tert butyl alcohol	5.046	59	36610	277.424	ug/l	98
12) 1,1-Dichloroethene	3.934	96	133533	50.051	ug/l	92
13) Acrolein	3.793	56	22484	259.293	ug/l	98
14) Allyl chloride	4.557	41	169065	51.941	ug/l	93
15) Acrylonitrile	5.252	53	156836	273.579	ug/l	99
16) Acetone	4.016	43	156561	295.960	ug/l #	85
17) Carbon Disulfide	4.269	76	426715	48.586	ug/l	98
18) Methyl Acetate	4.557	43	108559	54.271	ug/l	92
19) Methyl tert-butyl Ether	5.310	73	316390	54.805	ug/l	95
20) Methylene Chloride	4.799	84	181467	53.493	ug/l	92
21) trans-1,2-Dichloroethene	5.304	96	164393	50.975	ug/l	95
22) Diisopropyl ether	6.210	45	387456	52.648	ug/l	95
23) Vinyl Acetate	6.152	43	810587m	275.509	ug/l	
24) 1,1-Dichloroethane	6.110	63	261580	49.523	ug/l	98
25) 2-Butanone	7.075	43	201018	288.841	ug/l	89
26) 2,2-Dichloropropane	7.075	77	238364	53.164	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	184190	50.805	ug/l	97
28) Bromochloromethane	7.428	49	83185	51.287	ug/l	89
29) Tetrahydrofuran	7.446	42	113944	280.069	ug/l	90
30) Chloroform	7.593	83	287024	50.421	ug/l	100
31) Cyclohexane	7.875	56	205130	50.659	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	246617	51.901	ug/l	98
36) 1,1-Dichloropropene	8.004	75	210626	55.035	ug/l	98
37) Ethyl Acetate	7.169	43	82838	56.416	ug/l	97
38) Carbon Tetrachloride	7.993	117	211982	56.355	ug/l	99
39) Methylcyclohexane	9.275	83	242774	55.132	ug/l	91
40) Benzene	8.251	78	635794	53.695	ug/l	100

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41) Methacrylonitrile	7.393	41	40581	51.780	ug/l	#	87
42) 1,2-Dichloroethane	8.322	62	158677	54.051	ug/l		96
43) Isopropyl Acetate	8.363	43	156370	57.840	ug/l		92
44) Trichloroethene	9.028	130	173052	52.805	ug/l		96
45) 1,2-Dichloropropane	9.304	63	154360	53.672	ug/l		97
46) Dibromomethane	9.393	93	91970	55.031	ug/l		95
47) Bromodichloromethane	9.587	83	219307	54.303	ug/l		99
48) Methyl methacrylate	9.381	41	72057	58.657	ug/l		87
49) 1,4-Dioxane	9.387	88	19720	1307.231	ug/l		97
51) 4-Methyl-2-Pentanone	10.157	43	413591	292.520	ug/l		93
52) Toluene	10.334	92	419807	55.420	ug/l		96
53) t-1,3-Dichloropropene	10.551	75	208634	55.296	ug/l		96
54) cis-1,3-Dichloropropene	10.016	75	243664	53.902	ug/l	#	93
55) 1,1,2-Trichloroethane	10.734	97	127317	56.011	ug/l		97
56) Ethyl methacrylate	10.598	69	144852	59.316	ug/l		93
57) 1,3-Dichloropropane	10.875	76	206205	56.038	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	322182	254.750	ug/l		98
59) 2-Hexanone	10.922	43	312923	308.462	ug/l		90
60) Dibromochloromethane	11.075	129	154794	55.600	ug/l		98
61) 1,2-Dibromoethane	11.181	107	121245	55.175	ug/l		99
64) Tetrachloroethene	10.810	164	145151	52.651	ug/l		89
65) Chlorobenzene	11.610	112	437117	52.441	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	163297	53.549	ug/l		96
67) Ethyl Benzene	11.687	91	779398	54.399	ug/l		97
68) m/p-Xylenes	11.792	106	632172	110.199	ug/l		93
69) o-Xylene	12.122	106	288970	54.881	ug/l		92
70) Styrene	12.134	104	511349	57.003	ug/l		98
71) Bromoform	12.298	173	91966	54.405	ug/l	#	99
73) Isopropylbenzene	12.422	105	746414	55.425	ug/l		96
74) N-amyl acetate	12.234	43	147497	58.306	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.675	83	144237	56.754	ug/l		98
76) 1,2,3-Trichloropropane	12.722	75	72363m	49.775	ug/l		
77) Bromobenzene	12.704	156	179437	53.511	ug/l		93
78) n-propylbenzene	12.763	91	922644	56.050	ug/l		96
79) 2-Chlorotoluene	12.851	91	493318	54.346	ug/l		96
80) 1,3,5-Trimethylbenzene	12.904	105	629054	55.931	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.469	75	44411	57.821	ug/l		97
82) 4-Chlorotoluene	12.945	91	522489	54.766	ug/l		97
83) tert-Butylbenzene	13.169	119	536640	55.848	ug/l		98
84) 1,2,4-Trimethylbenzene	13.210	105	629614	55.207	ug/l		96
85) sec-Butylbenzene	13.345	105	799236	55.430	ug/l		97
86) p-Isopropyltoluene	13.457	119	677784	55.411	ug/l		98
87) 1,3-Dichlorobenzene	13.457	146	368521	53.438	ug/l		98
88) 1,4-Dichlorobenzene	13.539	146	359733	53.018	ug/l		98
89) n-Butylbenzene	13.786	91	616791	54.661	ug/l		99
90) Hexachloroethane	14.051	117	128357	52.912	ug/l		95
91) 1,2-Dichlorobenzene	13.833	146	316642	53.552	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19895	58.627	ug/l		96
93) 1,2,4-Trichlorobenzene	15.098	180	200656	55.006	ug/l		98
94) Hexachlorobutadiene	15.204	225	96449	49.894	ug/l		98
95) Naphthalene	15.333	128	382510	57.183	ug/l		98
96) 1,2,3-Trichlorobenzene	15.522	180	174660	53.867	ug/l		98

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

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