Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
Data File : VD073638.D
Acq On : 21 Jun 2022 10:25
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 22 05:59:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 05:24:45 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	258207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	409999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	379982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	135517	45.614	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.220%		
35) Dibromofluoromethane	7.903	113	139616	46.941	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.880%		
50) Toluene-d8	10.332	98	503854	47.330	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.660%		
62) 4-Bromofluorobenzene	12.620	95	182763	46.814	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	111091	50.047	ug/l	99
3) Chloromethane	2.209	50	107456	47.623	ug/l	99
4) Vinyl Chloride	2.350	62	110072	51.741	ug/l	100
5) Bromomethane	2.762	94	79063	53.415	ug/l	99
6) Chloroethane	2.920	64	69571	50.534	ug/l	98
7) Trichlorofluoromethane	3.268	101	243422	49.393	ug/l	99
8) Diethyl Ether	3.709	74	61745	48.025	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	139659	49.057	ug/l	96
10) Methyl Iodide	4.297	142	150086	54.424	ug/l	98
11) Tert butyl alcohol	5.197	59	78382	409.675	ug/l #	93
12) 1,1-Dichloroethene	4.067	96	124888	50.186	ug/l	96
13) Acrolein	3.920	56	27978	255.662	ug/l	97
14) Allyl chloride	4.709	41	187187	52.276	ug/l	99
15) Acrylonitrile	5.414	53	145788	249.951	ug/l	99
16) Acetone	4.156	43	126805	268.475	ug/l	98
17) Carbon Disulfide	4.403	76	351818	49.043	ug/l	99
18) Methyl Acetate	4.709	43	61301	47.189	ug/l	99
19) Methyl tert-butyl Ether	5.467	73	307209	52.177	ug/l	99
20) Methylene Chloride	4.956	84	149824	48.117	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	150691	50.931	ug/l	99
22) Diisopropyl ether	6.356	45	410102	51.046	ug/l	97
23) Vinyl Acetate	6.297	43	1140457	271.466	ug/l	99
24) 1,1-Dichloroethane	6.250	63	262990	48.888	ug/l	97
25) 2-Butanone	7.203	43	177096	257.573	ug/l	95
26) 2,2-Dichloropropane	7.203	77	248513	50.282	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	168887	49.481	ug/l	96
28) Bromochloromethane	7.538	49	100214	49.736	ug/l	99
29) Tetrahydrofuran	7.556	42	109504	256.803	ug/l	99
30) Chloroform	7.703	83	293678	48.222	ug/l	97
31) Cyclohexane	7.979	56	220049	48.681	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	266827	49.237	ug/l	99
36) 1,1-Dichloropropene	8.108	75	213836	51.328	ug/l	98
37) Ethyl Acetate	7.285	43	78804	49.162	ug/l	96
38) Carbon Tetrachloride	8.091	117	240460	50.819	ug/l	99
39) Methylcyclohexane	9.350	83	245784	53.243	ug/l	98
40) Benzene	8.344	78	596471	49.495	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	43400	48.912	ug/l		91
42) 1,2-Dichloroethane	8.414	62	178315	49.534	ug/l		100
43) Isopropyl Acetate	8.444	43	151332	50.149	ug/l		99
44) Trichloroethene	9.108	130	168464	49.080	ug/l		90
45) 1,2-Dichloropropane	9.379	63	148814	49.139	ug/l		100
46) Dibromomethane	9.467	93	83368	48.477	ug/l		98
47) Bromodichloromethane	9.655	83	217785	48.663	ug/l		96
48) Methyl methacrylate	9.450	41	77362	50.646	ug/l		96
49) 1,4-Dioxane	9.455	88	19024	998.261	ug/l		96
51) 4-Methyl-2-Pentanone	10.220	43	399725	258.005	ug/l		99
52) Toluene	10.397	92	399503	50.719	ug/l		100
53) t-1,3-Dichloropropene	10.614	75	201746	49.226	ug/l		99
54) cis-1,3-Dichloropropene	10.079	75	238531	49.780	ug/l		99
55) 1,1,2-Trichloroethane	10.791	97	114610	47.195	ug/l		97
56) Ethyl methacrylate	10.649	69	137524	51.317	ug/l		96
57) 1,3-Dichloropropane	10.938	76	197127	49.287	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	270602	251.086	ug/l		99
59) 2-Hexanone	10.973	43	283061	264.938	ug/l		100
60) Dibromochloromethane	11.126	129	152377	48.132	ug/l		100
61) 1,2-Dibromoethane	11.238	107	111298	47.840	ug/l		99
64) Tetrachloroethene	10.867	164	139973	49.762	ug/l		92
65) Chlorobenzene	11.661	112	432059	50.921	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.732	131	167575	50.962	ug/l		99
67) Ethyl Benzene	11.738	91	767127	53.178	ug/l		97
68) m/p-Xylenes	11.844	106	607902	107.010	ug/l		99
69) o-Xylene	12.173	106	277454	52.401	ug/l		99
70) Styrene	12.185	104	486651	53.596	ug/l		99
71) Bromoform	12.349	173	87954	49.124	ug/l	#	98
73) Isopropylbenzene	12.467	105	764515	53.903	ug/l		99
74) N-amyl acetate	12.279	43	148513	51.808	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.720	83	130358	48.875	ug/l		99
76) 1,2,3-Trichloropropane	12.767	75	97500m	51.249	ug/l		
77) Bromobenzene	12.749	156	174373	50.520	ug/l		100
78) n-propylbenzene	12.808	91	942801	54.270	ug/l		99
79) 2-Chlorotoluene	12.896	91	532445	52.253	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	649602	53.628	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	42888	52.025	ug/l		96
82) 4-Chlorotoluene	12.996	91	567385	52.169	ug/l		99
83) tert-Butylbenzene	13.208	119	567643	54.136	ug/l		99
84) 1,2,4-Trimethylbenzene	13.255	105	640891	53.636	ug/l		99
85) sec-Butylbenzene	13.391	105	839899	53.868	ug/l		100
86) p-Isopropyltoluene	13.502	119	706822	54.881	ug/l		100
87) 1,3-Dichlorobenzene	13.502	146	355717	49.955	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	350483	49.662	ug/l		99
89) n-Butylbenzene	13.826	91	663805	54.817	ug/l		100
90) Hexachloroethane	14.096	117	141112	51.301	ug/l		99
91) 1,2-Dichlorobenzene	13.873	146	316067	51.450	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	21178	50.844	ug/l		98
93) 1,2,4-Trichlorobenzene	15.143	180	190494	53.230	ug/l		97
94) Hexachlorobutadiene	15.249	225	105807	52.171	ug/l		100
95) Naphthalene	15.385	128	339926	49.081	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	165837	53.271	ug/l		97

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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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