Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081822\
Data File : VD074142.D
Acq On : 18 Aug 2022 21:06
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 18 21:49:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 18 21:46:24 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2022
Supervised By :Mahesh Dadoda 08/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	195069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	330896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	300838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	139781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	138025	78.731	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.460%			
35) Dibromofluoromethane	7.908	113	158282	77.207	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 154.420%#			
50) Toluene-d8	10.332	98	423169	68.003	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 136.000%			
62) 4-Bromofluorobenzene	12.620	95	227986	88.230	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 176.460%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	187963	96.853	ug/l	100
3) Chloromethane	2.209	50	160022	74.832	ug/l	94
4) Vinyl Chloride	2.344	62	155140	57.205	ug/l	99
5) Bromomethane	2.750	94	92639	43.342	ug/l	99
6) Chloroethane	2.909	64	94484	42.111	ug/l	96
7) Trichlorofluoromethane	3.262	101	360550	87.752	ug/l	96
8) Diethyl Ether	3.709	74	108350	120.061	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	211690	95.026	ug/l	98
10) Methyl Iodide	4.291	142	266638	129.578	ug/l	100
11) Tert butyl alcohol	5.226	59	70313	540.907	ug/l	99
12) 1,1-Dichloroethene	4.056	96	206133	110.712	ug/l	97
13) Acrolein	3.920	56	89819	738.980	ug/l	99
14) Allyl chloride	4.709	41	351373	142.164	ug/l	95
15) Acrylonitrile	5.414	53	256764	700.335	ug/l	98
16) Acetone	4.156	43	193249	506.011	ug/l	100
17) Carbon Disulfide	4.403	76	684949	138.430	ug/l	100
18) Methyl Acetate	4.714	43	129108	129.123	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	512752	125.532	ug/l	98
20) Methylene Chloride	4.956	84	266834	88.944	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	241839	118.225	ug/l	90
22) Diisopropyl ether	6.361	45	713940	135.698	ug/l	92
23) Vinyl Acetate	6.297	43	2043110	755.855	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	430619	121.348	ug/l	99
25) 2-Butanone	7.203	43	324841	619.782	ug/l	95
26) 2,2-Dichloropropane	7.197	77	353013	100.043	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	262870	110.680	ug/l	95
28) Bromochloromethane	7.538	49	128468	100.495	ug/l	90
29) Tetrahydrofuran	7.561	42	215971	729.399	ug/l	94
30) Chloroform	7.703	83	439735	108.129	ug/l	96
31) Cyclohexane	7.973	56	388972	126.889	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	395729	104.772	ug/l	96
36) 1,1-Dichloropropene	8.103	75	340174	113.577	ug/l	97
37) Ethyl Acetate	7.285	43	154905	129.268	ug/l #	96
38) Carbon Tetrachloride	8.091	117	340086	101.592	ug/l	96
39) Methylcyclohexane	9.350	83	409132	122.888	ug/l	98
40) Benzene	8.344	78	947801	111.957	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	94127	152.562	ug/l		94
42) 1,2-Dichloroethane	8.414	62	282341	111.678	ug/l		97
43) Isopropyl Acetate	8.444	43	292430	131.967	ug/l		97
44) Trichloroethene	9.102	130	249594	102.553	ug/l		94
45) 1,2-Dichloropropane	9.379	63	240188	116.854	ug/l		97
46) Dibromomethane	9.467	93	131522	103.468	ug/l		98
47) Bromodichloromethane	9.655	83	335270	102.736	ug/l		99
48) Methyl methacrylate	9.450	41	146013	142.115	ug/l		93
49) 1,4-Dioxane	9.455	88	30122	2383.120	ug/l		97
51) 4-Methyl-2-Pentanone	10.220	43	745284	655.611	ug/l		96
52) Toluene	10.391	92	601885	110.277	ug/l		96
53) t-1,3-Dichloropropene	10.608	75	323180	115.312	ug/l		98
54) cis-1,3-Dichloropropene	10.079	75	376522	114.810	ug/l		90
55) 1,1,2-Trichloroethane	10.791	97	173311	102.919	ug/l		98
56) Ethyl methacrylate	10.649	69	235120	133.443	ug/l		88
57) 1,3-Dichloropropane	10.932	76	308040	113.152	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.932	63	344874	540.070	ug/l		97
59) 2-Hexanone	10.973	43	507250	660.549	ug/l		96
60) Dibromochloromethane	11.126	129	219395	97.410	ug/l		99
61) 1,2-Dibromoethane	11.232	107	172193	105.186	ug/l		99
64) Tetrachloroethene	10.867	164	198882	103.324	ug/l		93
65) Chlorobenzene	11.655	112	612122	102.578	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.726	131	224861	96.451	ug/l		98
67) Ethyl Benzene	11.732	91	1138952	110.862	ug/l		100
68) m/p-Xylenes	11.844	106	874541	213.195	ug/l		98
69) o-Xylene	12.167	106	413611	110.963	ug/l		94
70) Styrene	12.179	104	698679	107.386	ug/l		98
71) Bromoform	12.349	173	121717	101.216	ug/l	#	97
73) Isopropylbenzene	12.467	105	1083623	116.139	ug/l		99
74) N-amyl acetate	12.273	43	272817	144.880	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.714	83	195654	114.089	ug/l		99
76) 1,2,3-Trichloropropane	12.767	75	136077m	101.716	ug/l		
77) Bromobenzene	12.743	156	235506	105.679	ug/l		97
78) n-propylbenzene	12.808	91	1330448	114.722	ug/l		99
79) 2-Chlorotoluene	12.890	91	756855	114.665	ug/l		98
80) 1,3,5-Trimethylbenzene	12.943	105	898036	113.016	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.514	75	62365	127.808	ug/l		89
82) 4-Chlorotoluene	12.991	91	779791	111.826	ug/l		99
83) tert-Butylbenzene	13.208	119	767831	112.504	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	886496	111.384	ug/l		99
85) sec-Butylbenzene	13.385	105	1160672	110.699	ug/l		100
86) p-Isopropyltoluene	13.496	119	964102	110.625	ug/l		99
87) 1,3-Dichlorobenzene	13.496	146	472370	100.425	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	463748	99.083	ug/l		99
89) n-Butylbenzene	13.826	91	922765	109.849	ug/l		98
90) Hexachloroethane	14.090	117	182194	100.390	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	414370	99.185	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	32651	111.238	ug/l		92
93) 1,2,4-Trichlorobenzene	15.137	180	252725	96.311	ug/l		99
94) Hexachlorobutadiene	15.243	225	131864	85.599	ug/l		98
95) Naphthalene	15.373	128	534297	117.637	ug/l		99
96) 1,2,3-Trichlorobenzene	15.567	180	225371	96.934	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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