Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
Data File : VD073794.D
Acq On : 06 Jul 2022 16:17
Operator : VA/SY
Sample : VSTDICC150
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:58:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 07 04:53:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	120759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	230370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	219956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	100658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	175861	144.510	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 289.020%#			
35) Dibromofluoromethane	7.908	113	176421	139.225	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 278.460%#			
50) Toluene-d8	10.332	98	584715	126.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery = 253.900%#			
62) 4-Bromofluorobenzene	12.620	95	254771	139.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery = 278.520%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	89622	119.967	ug/l	98
3) Chloromethane	2.209	50	120457	138.472	ug/l	95
4) Vinyl Chloride	2.344	62	154778	156.827	ug/l	96
5) Bromomethane	2.726	94	108040	153.497	ug/l	93
6) Chloroethane	2.897	64	120082	164.977	ug/l	97
7) Trichlorofluoromethane	3.250	101	250335	142.293	ug/l	90
8) Diethyl Ether	3.697	74	84137	143.205	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.079	101	160415	139.128	ug/l	97
10) Methyl Iodide	4.291	142	119819	147.729	ug/l	99
11) Tert butyl alcohol	5.220	59	118283	390.811	ug/l #	86
12) 1,1-Dichloroethene	4.050	96	122755	124.449	ug/l	98
13) Acrolein	3.914	56	85789	1915.331	ug/l	97
14) Allyl chloride	4.703	41	248764	144.624	ug/l	99
15) Acrylonitrile	5.408	53	258093	796.703	ug/l	100
16) Acetone	4.150	43	186673	740.601	ug/l	96
17) Carbon Disulfide	4.397	76	183510	118.283	ug/l	99
18) Methyl Acetate	4.714	43	112220	115.003	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	504407	154.415	ug/l	95
20) Methylene Chloride	4.950	84	181735	112.714	ug/l	94
21) trans-1,2-Dichloroethene	5.461	96	147668	132.026	ug/l	97
22) Diisopropyl ether	6.355	45	670806	153.569	ug/l	98
23) Vinyl Acetate	6.297	43	1970185	882.320	ug/l	97
24) 1,1-Dichloroethane	6.255	63	358093	146.716	ug/l	98
25) 2-Butanone	7.208	43	323595	770.392	ug/l	95
26) 2,2-Dichloropropane	7.202	77	325410	145.954	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	217685	142.827	ug/l	98
28) Bromochloromethane	7.538	49	146392	156.803	ug/l	99
29) Tetrahydrofuran	7.555	42	203461	776.086	ug/l	99
30) Chloroform	7.702	83	403138	154.590	ug/l	96
31) Cyclohexane	7.979	56	214053	113.964	ug/l	96
32) 1,1,1-Trichloroethane	7.896	97	339283	149.398	ug/l	100
36) 1,1-Dichloropropene	8.102	75	239492	137.340	ug/l	99
37) Ethyl Acetate	7.285	43	148551	157.963	ug/l	98
38) Carbon Tetrachloride	8.091	117	275753	145.518	ug/l	96
39) Methylcyclohexane	9.349	83	243095	124.260	ug/l	98
40) Benzene	8.344	78	723493	139.562	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	93704	158.633	ug/l	#	87
42) 1,2-Dichloroethane	8.414	62	247059	154.123	ug/l		99
43) Isopropyl Acetate	8.444	43	311252	155.301	ug/l		99
44) Trichloroethene	9.102	130	186813	136.915	ug/l		95
45) 1,2-Dichloropropane	9.379	63	209433	140.829	ug/l		94
46) Dibromomethane	9.467	93	116936	148.608	ug/l		96
47) Bromodichloromethane	9.655	83	327800	153.798	ug/l		96
48) Methyl methacrylate	9.443	41	141676	158.092	ug/l		98
49) 1,4-Dioxane	9.455	88	32423	3059.005	ug/l		97
51) 4-Methyl-2-Pentanone	10.220	43	833422	811.432	ug/l		100
52) Toluene	10.396	92	499198	144.333	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	311678	149.800	ug/l		97
54) cis-1,3-Dichloropropene	10.079	75	334551	142.941	ug/l		99
55) 1,1,2-Trichloroethane	10.790	97	177121	151.400	ug/l		95
56) Ethyl methacrylate	10.649	69	240620	155.738	ug/l		96
57) 1,3-Dichloropropane	10.938	76	300249	152.159	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	451945	731.277	ug/l		99
59) 2-Hexanone	10.973	43	562489	806.594	ug/l		99
60) Dibromochloromethane	11.132	129	222867	156.130	ug/l		98
61) 1,2-Dibromoethane	11.237	107	164395	152.898	ug/l		95
64) Tetrachloroethene	10.867	164	134945	120.243	ug/l		93
65) Chlorobenzene	11.661	112	567156	138.829	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.732	131	227573	147.223	ug/l		99
67) Ethyl Benzene	11.737	91	1048909	140.367	ug/l		97
68) m/p-Xylenes	11.843	106	791495	277.957	ug/l		99
69) o-Xylene	12.173	106	391702	140.860	ug/l		96
70) Styrene	12.185	104	700625	146.270	ug/l		99
71) Bromoform	12.349	173	125688	154.160	ug/l	#	100
73) Isopropylbenzene	12.467	105	1080687	141.183	ug/l		99
74) N-amyl acetate	12.279	43	320601	152.557	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.720	83	225408	145.951	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	162059m	169.400	ug/l		
77) Bromobenzene	12.749	156	227875	145.454	ug/l		95
78) n-propylbenzene	12.808	91	1329179	138.969	ug/l		100
79) 2-Chlorotoluene	12.896	91	758297	141.287	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	897839	140.720	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.514	75	71775	144.090	ug/l		99
82) 4-Chlorotoluene	12.990	91	801111	143.341	ug/l		98
83) tert-Butylbenzene	13.208	119	809613	142.893	ug/l		99
84) 1,2,4-Trimethylbenzene	13.255	105	895444	142.255	ug/l		100
85) sec-Butylbenzene	13.390	105	1202117	138.232	ug/l		99
86) p-Isopropyltoluene	13.502	119	966127	138.623	ug/l		98
87) 1,3-Dichlorobenzene	13.502	146	470762	143.462	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	467482	142.930	ug/l		98
89) n-Butylbenzene	13.826	91	954012	135.667	ug/l		100
90) Hexachloroethane	14.096	117	191961	137.764	ug/l		97
91) 1,2-Dichlorobenzene	13.873	146	418034	143.251	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.484	75	38021	147.179	ug/l		95
93) 1,2,4-Trichlorobenzene	15.143	180	228467	133.036	ug/l		99
94) Hexachlorobutadiene	15.249	225	104736	123.516	ug/l		99
95) Naphthalene	15.378	128	548253	142.934	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	204160	135.879	ug/l		98

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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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