Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110521\
Data File : VD070928.D
Acq On : 05 Nov 2021 16:20
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 23:28:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 06 23:24:21 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
Supervised By :Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.973	168	416643	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.855	114	740917	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	645651	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279507	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	505710	116.455	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 232.900%#				
35) Dibromofluoromethane	7.908	113	464895	96.747	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.500%#				
50) Toluene-d8	10.332	98	1798794	99.564	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 199.120%#				
62) 4-Bromofluorobenzene	12.620	95	657852	108.088	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 216.180%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	464056	116.872	ug/l		99
3) Chloromethane	2.209	50	462592	87.958	ug/l		99
4) Vinyl Chloride	2.350	62	463678	80.582	ug/l		98
5) Bromomethane	2.762	94	283299	69.472	ug/l		98
6) Chloroethane	2.915	64	294707	82.684	ug/l		89
7) Trichlorofluoromethane	3.268	101	863405	113.975	ug/l		96
8) Diethyl Ether	3.709	74	237182	113.541	ug/l		92
9) 1,1,2-Trichlorotrifluo...	4.091	101	501686	104.174	ug/l		96
10) Methyl Iodide	4.297	142	607266	144.019	ug/l		98
11) Tert butyl alcohol	5.220	59	149600	613.667	ug/l		100
12) 1,1-Dichloroethene	4.062	96	478381	113.679	ug/l		82
13) Acrolein	3.926	56	47873	261.188	ug/l		96
14) Allyl chloride	4.709	41	1032382	148.406	ug/l	#	83
15) Acrylonitrile	5.414	53	511786	513.031	ug/l		97
16) Acetone	4.156	43	583345	577.461	ug/l	#	87
17) Carbon Disulfide	4.409	76	1561686	106.321	ug/l		98
18) Methyl Acetate	4.715	43	386479	111.864	ug/l		95
19) Methyl tert-butyl Ether	5.473	73	1162644	128.161	ug/l		99
20) Methylene Chloride	4.962	84	533811	80.175	ug/l		89
21) trans-1,2-Dichloroethene	5.467	96	547399	110.684	ug/l	#	80
22) Diisopropyl ether	6.361	45	1848677	132.092	ug/l		96
23) Vinyl Acetate	6.297	43	4344819	672.104	ug/l		96
24) 1,1-Dichloroethane	6.256	63	1065938	115.040	ug/l		99
25) 2-Butanone	7.203	43	700795	564.831	ug/l	#	88
26) 2,2-Dichloropropane	7.203	77	969229	127.736	ug/l		95
27) cis-1,2-Dichloroethene	7.208	96	613011	114.830	ug/l		90
28) Bromochloromethane	7.538	49	397110	109.699	ug/l		90
29) Tetrahydrofuran	7.556	42	438616	584.539	ug/l		93
30) Chloroform	7.703	83	1031136	111.268	ug/l		100
31) Cyclohexane	7.979	56	1030636	118.463	ug/l		99
32) 1,1,1-Trichloroethane	7.897	97	947601	118.405	ug/l		95
36) 1,1-Dichloropropene	8.108	75	826245	108.030	ug/l		98
37) Ethyl Acetate	7.285	43	311779	106.750	ug/l	#	93
38) Carbon Tetrachloride	8.091	117	812989	105.348	ug/l		99
39) Methylcyclohexane	9.350	83	1039396	116.548	ug/l		97
40) Benzene	8.344	78	2188918	99.936	ug/l		98

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41) Methacrylonitrile	7.514	41	206126	127.658	ug/l	#	73
42) 1,2-Dichloroethane	8.414	62	656650	112.475	ug/l		95
43) Isopropyl Acetate	8.444	43	666934	119.783	ug/l		91
44) Trichloroethene	9.108	130	588382	102.268	ug/l		95
45) 1,2-Dichloropropane	9.379	63	573393	98.315	ug/l		97
46) Dibromomethane	9.467	93	271355	94.583	ug/l		95
47) Bromodichloromethane	9.655	83	780825	104.144	ug/l		97
48) Methyl methacrylate	9.450	41	341419	127.672	ug/l	#	82
49) 1,4-Dioxane	9.455	88	56275	1821.531	ug/l		90
51) 4-Methyl-2-Pentanone	10.220	43	1550532	542.489	ug/l		92
52) Toluene	10.397	92	1396928	105.649	ug/l		95
53) t-1,3-Dichloropropene	10.614	75	743283	111.957	ug/l		98
54) cis-1,3-Dichloropropene	10.079	75	881635	108.319	ug/l	#	79
55) 1,1,2-Trichloroethane	10.791	97	353917	87.717	ug/l		94
56) Ethyl methacrylate	10.655	69	509316	111.008	ug/l	#	76
57) 1,3-Dichloropropane	10.938	76	661203	96.386	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.932	63	1161480	571.068	ug/l		99
59) 2-Hexanone	10.973	43	1114238	547.496	ug/l		90
60) Dibromochloromethane	11.132	129	458520	94.014	ug/l		100
61) 1,2-Dibromoethane	11.238	107	353329	94.150	ug/l		99
64) Tetrachloroethene	10.867	164	471497	108.068	ug/l		95
65) Chlorobenzene	11.661	112	1409426	107.682	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.732	131	506607	104.626	ug/l		99
67) Ethyl Benzene	11.738	91	2677690	116.762	ug/l		100
68) m/p-Xylenes	11.844	106	1996145	226.324	ug/l		94
69) o-Xylene	12.173	106	946788	117.088	ug/l		93
70) Styrene	12.185	104	1582218	114.163	ug/l		95
71) Bromoform	12.349	173	243533	95.725	ug/l	#	99
73) Isopropylbenzene	12.467	105	2550393	133.975	ug/l		100
74) N-amyl acetate	12.279	43	627758	141.611	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	369978	97.822	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	288044m	103.720	ug/l		
77) Bromobenzene	12.749	156	526371	115.839	ug/l		91
78) n-propylbenzene	12.808	91	3124292	129.013	ug/l		99
79) 2-Chlorotoluene	12.896	91	1808195	128.485	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	2122277	132.346	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	127587	119.066	ug/l	#	84
82) 4-Chlorotoluene	12.991	91	1874658	128.339	ug/l		97
83) tert-Butylbenzene	13.208	119	1820003	134.665	ug/l		94
84) 1,2,4-Trimethylbenzene	13.255	105	2050182	130.061	ug/l		98
85) sec-Butylbenzene	13.391	105	2703548	128.366	ug/l		99
86) p-Isopropyltoluene	13.502	119	2198926	129.761	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	1028663	110.575	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	1018285	110.026	ug/l		98
89) n-Butylbenzene	13.826	91	2196203	131.259	ug/l		100
90) Hexachloroethane	14.096	117	445196	117.529	ug/l		94
91) 1,2-Dichlorobenzene	13.873	146	882365	110.840	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	64763	112.955	ug/l		96
93) 1,2,4-Trichlorobenzene	15.143	180	569743	121.173	ug/l		98
94) Hexachlorobutadiene	15.249	225	309928	103.020	ug/l		98
95) Naphthalene	15.385	128	1018188	126.173	ug/l		100
96) 1,2,3-Trichlorobenzene	15.573	180	477072	118.175	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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