Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
Data File : VD072464.D
Acq On : 29 Mar 2022 15:22
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 30 01:47:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 01:44:48 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.973	168	475165	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	782662	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.638	117	718862	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352599	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.326	65	505568	93.181	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.360%#				
35) Dibromofluoromethane	7.914	113	539817	94.933	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 189.860%#				
50) Toluene-d8	10.332	98	1902637	92.930	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 185.860%#				
62) 4-Bromofluorobenzene	12.626	95	731275	91.963	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 183.920%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	399895	92.754	ug/l		98
3) Chloromethane	2.209	50	384859	99.151	ug/l		95
4) Vinyl Chloride	2.350	62	411014	108.846	ug/l		98
5) Bromomethane	2.756	94	277543	109.767	ug/l		99
6) Chloroethane	2.915	64	285451	113.052	ug/l		94
7) Trichlorofluoromethane	3.273	101	886112	103.830	ug/l		97
8) Diethyl Ether	3.709	74	253631	105.853	ug/l		86
9) 1,1,2-Trichlorotrifluo...	4.097	101	570664	104.565	ug/l		97
10) Methyl Iodide	4.303	142	520661	118.353	ug/l		99
11) Tert butyl alcohol	5.226	59	150696	481.287	ug/l		97
12) 1,1-Dichloroethene	4.067	96	476028	108.433	ug/l		92
13) Acrolein	3.926	56	43090	173.006	ug/l		95
14) Allyl chloride	4.715	41	765730	100.934	ug/l	#	92
15) Acrylonitrile	5.420	53	610704	505.487	ug/l		97
16) Acetone	4.156	43	522876	455.409	ug/l		91
17) Carbon Disulfide	4.409	76	985824	113.118	ug/l		100
18) Methyl Acetate	4.715	43	268796	93.884	ug/l	#	89
19) Methyl tert-butyl Ether	5.479	73	1305250	107.748	ug/l		97
20) Methylene Chloride	4.962	84	568108	81.723	ug/l		86
21) trans-1,2-Dichloroethene	5.473	96	534390	109.533	ug/l		89
22) Diisopropyl ether	6.367	45	1763693	100.347	ug/l	#	91
23) Vinyl Acetate	6.303	43	4716644	526.813	ug/l	#	92
24) 1,1-Dichloroethane	6.261	63	1055106	101.915	ug/l		99
25) 2-Butanone	7.209	43	749220	482.749	ug/l	#	89
26) 2,2-Dichloropropane	7.209	77	968278	104.073	ug/l		97
27) cis-1,2-Dichloroethene	7.209	96	675297	107.570	ug/l		92
28) Bromochloromethane	7.544	49	439484	104.990	ug/l	#	79
29) Tetrahydrofuran	7.561	42	463759	506.250	ug/l		89
30) Chloroform	7.708	83	1153536	103.542	ug/l		98
31) Cyclohexane	7.985	56	835241	101.995	ug/l		91
32) 1,1,1-Trichloroethane	7.903	97	1029917	104.854	ug/l		96
36) 1,1-Dichloropropene	8.108	75	792239	102.977	ug/l		96
37) Ethyl Acetate	7.291	43	327709	96.320	ug/l	#	93
38) Carbon Tetrachloride	8.097	117	899442	102.022	ug/l		97
39) Methylcyclohexane	9.350	83	946984	109.982	ug/l		96
40) Benzene	8.350	78	2276908	102.667	ug/l		100

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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	193559m	100.307	ug/l		
42) 1,2-Dichloroethane	8.420	62	663661	98.400	ug/l		95
43) Isopropyl Acetate	8.450	43	653469	98.744	ug/l	#	94
44) Trichloroethene	9.108	130	647502	103.948	ug/l		95
45) 1,2-Dichloropropane	9.385	63	602414	98.711	ug/l		98
46) Dibromomethane	9.473	93	320743	105.297	ug/l		97
47) Bromodichloromethane	9.655	83	887836	101.059	ug/l		99
48) Methyl methacrylate	9.450	41	322951	103.633	ug/l	#	87
49) 1,4-Dioxane	9.455	88	76553	2109.134	ug/l		90
51) 4-Methyl-2-Pentanone	10.220	43	1714394	492.014	ug/l		91
52) Toluene	10.397	92	1522787	104.305	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	813431	101.320	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	947313	102.106	ug/l	#	88
55) 1,1,2-Trichloroethane	10.797	97	472193	102.118	ug/l		96
56) Ethyl methacrylate	10.655	69	584440	107.808	ug/l	#	83
57) 1,3-Dichloropropane	10.938	76	778198	100.713	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.938	63	1187767	490.661	ug/l		93
59) 2-Hexanone	10.979	43	1203749	499.739	ug/l		90
60) Dibromochloromethane	11.132	129	603918	100.830	ug/l		98
61) 1,2-Dibromoethane	11.244	107	430982	103.546	ug/l		98
64) Tetrachloroethene	10.873	164	501819	100.147	ug/l		98
65) Chlorobenzene	11.667	112	1646971	102.795	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.738	131	641469	100.974	ug/l		99
67) Ethyl Benzene	11.738	91	3040270	106.520	ug/l		99
68) m/p-Xylenes	11.844	106	2298823	212.187	ug/l		99
69) o-Xylene	12.173	106	1100131	106.265	ug/l		98
70) Styrene	12.185	104	1909411	104.735	ug/l		98
71) Bromoform	12.355	173	332455	97.794	ug/l	#	100
73) Isopropylbenzene	12.473	105	3065813	108.974	ug/l		99
74) N-amyl acetate	12.279	43	639686	105.448	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.720	83	516997	101.473	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	349135m	87.765	ug/l		
77) Bromobenzene	12.755	156	651728	102.487	ug/l		94
78) n-propylbenzene	12.808	91	3701883	108.309	ug/l		98
79) 2-Chlorotoluene	12.896	91	2094873	105.512	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	2537590	104.897	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	166082	104.490	ug/l		86
82) 4-Chlorotoluene	12.996	91	2156917	105.214	ug/l		99
83) tert-Butylbenzene	13.214	119	2243637	106.152	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	2494730	104.900	ug/l		99
85) sec-Butylbenzene	13.391	105	3375910	106.287	ug/l		99
86) p-Isopropyltoluene	13.508	119	2751462	105.533	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	1318306	99.525	ug/l		99
88) 1,4-Dichlorobenzene	13.585	146	1318956	100.287	ug/l		99
89) n-Butylbenzene	13.832	91	2654154	106.929	ug/l		98
90) Hexachloroethane	14.096	117	546754	106.347	ug/l		100
91) 1,2-Dichlorobenzene	13.879	146	1149036	98.900	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	82554	102.935	ug/l		88
93) 1,2,4-Trichlorobenzene	15.149	180	732655	96.322	ug/l		100
94) Hexachlorobutadiene	15.249	225	402229	92.174	ug/l		99
95) Naphthalene	15.385	128	1442775	107.934	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	630510	95.523	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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