Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027652.D
Acq On : 23 Mar 2022 07:15
Operator : JC/MD
Sample : N2062-06MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5MS

Manual Integrations APPROVED

Reviewed By :John Carlone 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 07:45:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	258690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	173751	54.522	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.040%			
35) Dibromofluoromethane	5.391	113	150838	53.732	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.460%			
50) Toluene-d8	8.653	98	505022	47.541	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.080%			
62) 4-Bromofluorobenzene	11.085	95	177674	45.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	114299	46.031	ug/l	99
3) Chloromethane	1.294	50	125129	56.767	ug/l	99
4) Vinyl Chloride	1.374	62	140118	55.016	ug/l	99
5) Bromomethane	1.599	94	67645	52.157	ug/l	100
6) Chloroethane	1.678	64	85813m	54.907	ug/l	
7) Trichlorofluoromethane	1.886	101	188855	44.920	ug/l	97
8) Diethyl Ether	2.136	74	93685	59.823	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	99275	39.653	ug/l	94
10) Methyl Iodide	2.453	142	141707	42.759	ug/l	98
11) Tert butyl alcohol	2.971	59	165750	272.910	ug/l	99
12) 1,1-Dichloroethene	2.319	96	127371	53.025	ug/l	93
13) Acrolein	2.239	56	129166	274.063	ug/l	96
14) Allyl chloride	2.666	41	197827	52.629	ug/l	97
15) Acrylonitrile	3.062	53	429274	310.895	ug/l	99
16) Acetone	2.380	43	363207	279.613	ug/l	95
17) Carbon Disulfide	2.508	76	286954	46.947	ug/l	100
18) Methyl Acetate	2.703	43	159767	51.320	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	499226	61.598	ug/l	99
20) Methylene Chloride	2.788	84	159677	57.174	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	141532	55.235	ug/l	98
22) Diisopropyl ether	3.763	45	455291	62.023	ug/l	93
23) Vinyl Acetate	3.727	43	1647598	258.091	ug/l	97
24) 1,1-Dichloroethane	3.611	63	265056	59.368	ug/l	99
25) 2-Butanone	4.562	43	581677	297.637	ug/l	96
26) 2,2-Dichloropropane	4.477	77	116154	31.859	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	178904	60.206	ug/l	91
28) Bromochloromethane	4.897	49	103511	57.474	ug/l	94
29) Tetrahydrofuran	5.007	42	384004	306.295	ug/l	94
30) Chloroform	5.099	83	291253	59.139	ug/l	97
31) Cyclohexane	5.470	56	144719	36.571	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	235078	52.426	ug/l	99
36) 1,1-Dichloropropene	5.696	75	170530	44.452	ug/l	98
37) Ethyl Acetate	4.715	43	193348	50.580	ug/l	98
38) Carbon Tetrachloride	5.678	117	189046	43.075	ug/l	100
39) Methylcyclohexane	7.385	83	148389	30.760	ug/l	98
40) Benzene	6.044	78	596003	54.153	ug/l	100

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41) Methacrylonitrile	4.928	41	124428	59.685	ug/l	94
42) 1,2-Dichloroethane	6.092	62	233438	56.594	ug/l	98
43) Isopropyl Acetate	6.348	43	317450	51.600	ug/l	97
44) Trichloroethene	7.129	130	160417	48.015	ug/l	97
45) 1,2-Dichloropropane	7.434	63	154531	55.125	ug/l	98
46) Dibromomethane	7.586	93	119589	55.845	ug/l	98
47) Bromodichloromethane	7.824	83	221459	54.923	ug/l	99
48) Methyl methacrylate	7.696	41	174652	57.364	ug/l	92
49) 1,4-Dioxane	7.659	88	78389	1002.422	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1150315	292.909	ug/l	95
52) Toluene	8.720	92	383757	52.033	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	208602	50.406	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	228252	50.678	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	176655	58.828	ug/l	97
56) Ethyl methacrylate	9.116	69	259795	57.823	ug/l	93
57) 1,3-Dichloropropane	9.311	76	281627	57.768	ug/l	99
59) 2-Hexanone	9.433	43	859213	284.067	ug/l	94
60) Dibromochloromethane	9.525	129	182990	55.357	ug/l	96
61) 1,2-Dibromoethane	9.610	107	189167	57.315	ug/l	98
64) Tetrachloroethene	9.275	164	135882	45.944	ug/l	98
65) Chlorobenzene	10.079	112	403958	51.624	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	154376	52.878	ug/l	98
67) Ethyl Benzene	10.195	91	632678	47.237	ug/l	96
68) m/p-Xylenes	10.305	106	516384	97.918	ug/l	97
69) o-Xylene	10.646	106	275954	53.893	ug/l	98
70) Styrene	10.659	104	464580	55.541	ug/l	100
71) Bromoform	10.799	173	133989	57.448	ug/l	99
73) Isopropylbenzene	10.963	105	629846	47.044	ug/l	100
74) N-amyl acetate	10.848	43	237577	50.044	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	262606	61.921	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	231986m	60.338	ug/l	
77) Bromobenzene	11.201	156	193751	57.413	ug/l	91
78) n-propylbenzene	11.305	91	673357	45.815	ug/l	97
79) 2-Chlorotoluene	11.366	91	464767	50.411	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	553463	49.116	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	59723	47.176	ug/l	90
82) 4-Chlorotoluene	11.457	91	520010	49.538	ug/l	97
83) tert-Butylbenzene	11.719	119	535338	47.957	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	574397	51.113	ug/l	100
85) sec-Butylbenzene	11.890	105	563065	41.740	ug/l	98
86) p-Isopropyltoluene	12.012	119	501297	43.265	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	317962	50.852	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	322018	50.898	ug/l	100
89) n-Butylbenzene	12.335	91	392214	40.562	ug/l	97
90) Hexachloroethane	12.542	117	75771	41.006	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	338148	55.387	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55669	57.232	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	201548	51.505	ug/l	97
94) Hexachlorobutadiene	13.725	225	60574	35.043	ug/l	95
95) Naphthalene	13.780	128	777617	61.043	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	213702	53.987	ug/l	94

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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