Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
Data File : VX029806.D
Acq On : 25 Jun 2022 07:46
Operator : JC/MD
Sample : N3386-13MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Quant Time: Jun 25 09:07:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220616MS

Manual Integrations APPROVED

Reviewed By :John Carlone 06/25/2022
Supervised By :Semsettin Yesilyurt 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	203914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	357066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	128611	47.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.300%			
35) Dibromofluoromethane	5.391	113	119761	51.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.653	98	430319	50.621	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.240%			
62) 4-Bromofluorobenzene	11.085	95	163677	51.057	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	133556	54.083	ug/l	99
3) Chloromethane	1.288	50	126425	47.522	ug/l	99
4) Vinyl Chloride	1.374	62	131038	53.500	ug/l	98
5) Bromomethane	1.611	94	61548	49.253	ug/l	99
6) Chloroethane	1.685	64	59519	38.225	ug/l	99
7) Trichlorofluoromethane	1.886	101	190324	55.774	ug/l	100
8) Diethyl Ether	2.136	74	73786	54.885	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	117616	54.968	ug/l	100
10) Methyl Iodide	2.453	142	111693	46.044	ug/l	99
11) Tert butyl alcohol	3.001	59	133944	226.852	ug/l	97
12) 1,1-Dichloroethene	2.319	96	115575	55.946	ug/l	96
13) Acrolein	2.239	56	29044	195.329	ug/l	98
14) Allyl chloride	2.666	41	163802	49.109	ug/l	94
15) Acrylonitrile	3.068	53	340040	269.329	ug/l	99
16) Acetone	2.392	43	267867	248.970	ug/l	99
17) Carbon Disulfide	2.514	76	276070	51.547	ug/l	99
18) Methyl Acetate	2.709	43	126274	44.390	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	379362	52.895	ug/l	99
20) Methylene Chloride	2.788	84	128255	53.522	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	122653	54.321	ug/l	95
22) Diisopropyl ether	3.764	45	343897	52.119	ug/l	96
23) Vinyl Acetate	3.727	43	1176778	213.630	ug/l	99
24) 1,1-Dichloroethane	3.611	63	211224	53.230	ug/l	98
25) 2-Butanone	4.568	43	436421	256.622	ug/l	98
26) 2,2-Dichloropropane	4.477	77	83604	27.070	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	145149	55.024	ug/l	88
28) Bromochloromethane	4.904	49	74708	49.277	ug/l	94
29) Tetrahydrofuran	5.013	42	289658	255.571	ug/l	97
30) Chloroform	5.099	83	224994	53.578	ug/l	100
31) Cyclohexane	5.477	56	188306	51.963	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	196434	53.033	ug/l	98
36) 1,1-Dichloropropene	5.696	75	164168	52.127	ug/l	98
37) Ethyl Acetate	4.721	43	139739	43.287	ug/l	98
38) Carbon Tetrachloride	5.684	117	167524	54.091	ug/l	99
39) Methylcyclohexane	7.385	83	201751	51.381	ug/l	95
40) Benzene	6.044	78	503420	53.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	90218	53.045	ug/l		97
42) 1,2-Dichloroethane	6.092	62	161499	50.324	ug/l		97
43) Isopropyl Acetate	6.342	43	228262	45.472	ug/l		99
44) Trichloroethene	7.129	130	151731	57.526	ug/l		93
45) 1,2-Dichloropropane	7.434	63	122040	53.303	ug/l		98
46) Dibromomethane	7.586	93	89192	54.200	ug/l		96
47) Bromodichloromethane	7.824	83	170045	53.624	ug/l		98
48) Methyl methacrylate	7.696	41	122838	49.908	ug/l		97
49) 1,4-Dioxane	7.690	88	65207	1027.563	ug/l		95
51) 4-Methyl-2-Pentanone	8.580	43	834666	257.967	ug/l		99
52) Toluene	8.720	92	327813	54.837	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	156253	48.762	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	180642	50.343	ug/l		96
55) 1,1,2-Trichloroethane	9.153	97	132517	54.826	ug/l		98
56) Ethyl methacrylate	9.116	69	200230	54.836	ug/l		98
57) 1,3-Dichloropropane	9.311	76	214780	53.354	ug/l		99
59) 2-Hexanone	9.433	43	637369	260.141	ug/l		98
60) Dibromochloromethane	9.525	129	131044	55.843	ug/l		98
61) 1,2-Dibromoethane	9.610	107	140906	56.230	ug/l		99
64) Tetrachloroethene	9.275	164	132934	57.487	ug/l		96
65) Chlorobenzene	10.079	112	349657	55.741	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	123956	55.023	ug/l		99
67) Ethyl Benzene	10.195	91	609189	53.974	ug/l		98
68) m/p-Xylenes	10.305	106	480955	109.269	ug/l		100
69) o-Xylene	10.640	106	235592	54.176	ug/l		99
70) Styrene	10.659	104	399373	56.090	ug/l		99
71) Bromoform	10.805	173	92698	58.035	ug/l	#	100
73) Isopropylbenzene	10.963	105	617667	52.687	ug/l		99
74) N-amyl acetate	10.848	43	170197	41.801	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	192678	50.836	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	173062m	50.808	ug/l		
77) Bromobenzene	11.201	156	146077	54.596	ug/l		98
78) n-propylbenzene	11.305	91	682055	51.656	ug/l		100
79) 2-Chlorotoluene	11.366	91	419577	51.320	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	518032	52.469	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	43934	42.909	ug/l		94
82) 4-Chlorotoluene	11.457	91	478011	51.270	ug/l		100
83) tert-Butylbenzene	11.719	119	508052	52.777	ug/l		95
84) 1,2,4-Trimethylbenzene	11.750	105	517081	52.512	ug/l		100
85) sec-Butylbenzene	11.890	105	617927	51.794	ug/l		100
86) p-Isopropyltoluene	12.012	119	520183	52.073	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	268357	52.652	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	266112	52.292	ug/l		98
89) n-Butylbenzene	12.335	91	419977	49.813	ug/l		99
90) Hexachloroethane	12.542	117	79029	55.249	ug/l		93
91) 1,2-Dichlorobenzene	12.335	146	268623	53.617	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40561	48.297	ug/l		95
93) 1,2,4-Trichlorobenzene	13.591	180	159936	52.349	ug/l		99
94) Hexachlorobutadiene	13.725	225	60641	48.479	ug/l		94
95) Naphthalene	13.774	128	609266	55.552	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	159094	51.994	ug/l		96

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

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