

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016868.D
 Acq On : 19 Jun 2020 03:19
 Operator : JC/SP
 Sample : L3020-21MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MS

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:46 PM

Quant Time: Jun 19 12:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	246453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	388360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176197	59.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.90%	
35) Dibromofluoromethane	5.46	113	120828	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.70	98	479085	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	219346	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	182829	60.449	ug/l	99
3) Chloromethane	1.31	50	211942	69.109	ug/l	100
4) Vinyl Chloride	1.39	62	182926	52.923	ug/l	97
5) Bromomethane	1.62	94	111865	53.750	ug/l	98
6) Chloroethane	1.71	64	106664	50.105	ug/l	99
7) Trichlorofluoromethane	1.92	101	244419	50.548	ug/l	98
8) Diethyl Ether	2.17	74	92606	49.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	114123	44.309	ug/l	98
10) Methyl Iodide	2.49	142	121610	49.597	ug/l	100
11) Tert butyl alcohol	3.01	59	126405	252.268	ug/l	99
12) 1,1-Dichloroethene	2.36	96	119130	45.233	ug/l	97
13) Acrolein	2.27	56	74123	243.987	ug/l	99
14) Allyl chloride	2.71	41	168345	48.324	ug/l	100
15) Acrylonitrile	3.11	53	313459	272.987	ug/l	100
16) Acetone	2.42	43	252186	234.374	ug/l	100
17) Carbon Disulfide	2.55	76	313535	46.065	ug/l	99
18) Methyl Acetate	2.75	43	150138	54.872	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	384986	51.293	ug/l	100
20) Methylene Chloride	2.84	84	123370	47.812	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	122160	49.138	ug/l	96
22) Diisopropyl ether	3.82	45	337761	50.604	ug/l	96
23) Vinyl Acetate	3.78	43	1290966	234.560	ug/l	99
24) 1,1-Dichloroethane	3.67	63	206157	49.447	ug/l	99
25) 2-Butanone	4.64	43	463428	312.948	ug/l	98
26) 2,2-Dichloropropane	4.55	77	172984	44.286	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	157831	56.484	ug/l	99
28) Bromochloromethane	4.98	49	87734	50.701	ug/l	99
29) Tetrahydrofuran	5.09	42	252158	270.372	ug/l	100
30) Chloroform	5.18	83	220633	50.125	ug/l	99
31) Cyclohexane	5.56	56	181016	49.385	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	206990	49.686	ug/l	100
36) 1,1-Dichloropropene	5.77	75	161779	45.116	ug/l	99
37) Ethyl Acetate	4.79	43	148753	46.950	ug/l	99
38) Carbon Tetrachloride	5.76	117	185033	45.988	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208796	50.078	ug/l	98
40) Benzene	6.12	78	623822	57.978	ug/l	100
41) Methacrylonitrile	5.00	41	85918	49.951	ug/l	99
42) 1,2-Dichloroethane	6.16	62	216128	56.449	ug/l	100
43) Isopropyl Acetate	6.42	43	294028	53.143	ug/l	99
44) Trichloroethene	7.19	130	149986	45.517	ug/l	96
45) 1,2-Dichloropropane	7.49	63	127761	47.234	ug/l	97
46) Dibromomethane	7.64	93	100482	54.779	ug/l	98
47) Bromodichloromethane	7.88	83	220043	56.403	ug/l	99
48) Methyl methacrylate	7.74	41	147886	56.763	ug/l	99
49) 1,4-Dioxane	7.71	88	60976	1045.538	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	859053	258.150	ug/l	99
52) Toluene	8.76	92	331817	46.488	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	202570	47.231	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	214931	46.844	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	135085	50.125	ug/l	97
56) Ethyl methacrylate	9.16	69	199510	51.138	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213070	46.638	ug/l	99
59) 2-Hexanone	9.48	43	624503	259.148	ug/l	99
60) Dibromochloromethane	9.57	129	158286	48.960	ug/l	100
61) 1,2-Dibromoethane	9.65	107	143957	49.222	ug/l	99
64) Tetrachloroethene	9.32	164	157637	41.843	ug/l	97
65) Chlorobenzene	10.12	112	385782	46.827	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	152751	47.841	ug/l	98
67) Ethyl Benzene	10.24	91	667047	47.989	ug/l	99
68) m/p-Xylenes	10.34	106	493249	91.191	ug/l	99
69) o-Xylene	10.68	106	247506	49.487	ug/l	99
70) Styrene	10.70	104	436242	51.335	ug/l	99
71) Bromoform	10.84	173	128033	47.695	ug/l	100
73) Isopropylbenzene	11.00	105	637044	47.056	ug/l	100
74) N-amyl acetate	10.88	43	251225	53.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	197599	51.690	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	198627m	51.723	ug/l	
77) Bromobenzene	11.24	156	182942	49.549	ug/l	97
78) n-propylbenzene	11.34	91	759410	50.263	ug/l	99
79) 2-Chlorotoluene	11.40	91	461116	49.882	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	568060	48.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	73692	46.993	ug/l	98
82) 4-Chlorotoluene	11.49	91	539729	48.667	ug/l	100
83) tert-Butylbenzene	11.76	119	570479	49.362	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	591153	49.130	ug/l	99
85) sec-Butylbenzene	11.93	105	662714	49.374	ug/l	99
86) p-Isopropyltoluene	12.05	119	635781	51.698	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	321114	47.605	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	321441	47.119	ug/l	99
89) n-Butylbenzene	12.37	91	515329	48.866	ug/l	99
90) Hexachloroethane	12.58	117	106001	47.849	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	298273	45.804	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46381	51.170	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	211398	48.344	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	86741	43.960	ug/l	99
95) Naphthalene	13.82	128	655228	51.039	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	209743	48.097	ug/l	99

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

