

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010473.D
 Acq On : 26 Jun 2019 19:16
 Operator : JC/SP
 Sample : K3527-20MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-GMW-5S-R-M24W1-061919MS

Manual Integrations
 APPROVED

MMDadoda
 6/27/2019 10:11:48 AM

Quant Time: Jun 27 03:30:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	253419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125463	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
35) Dibromofluoromethane	5.50	113	123429	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	8.71	98	464215	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.13	95	166703	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	81437	46.223	ug/l 100
3) Chloromethane	1.32	50	95294	46.449	ug/l 100
4) Vinyl Chloride	1.41	62	103196	45.925	ug/l 100
5) Bromomethane	1.64	94	55889	51.053	ug/l 99
6) Chloroethane	1.71	64	68718	51.834	ug/l 96
7) Trichlorofluoromethane	1.92	101	179724	50.454	ug/l 98
8) Diethyl Ether	2.19	74	63637	49.816	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104035	48.194	ug/l 99
10) Methyl Iodide	2.51	142	154748	50.231	ug/l 97
11) Tert butyl alcohol	3.06	59	160078	257.469	ug/l 99
12) 1,1-Dichloroethene	2.37	96	105276	47.927	ug/l 98
13) Acrolein	2.29	56	83948	203.538	ug/l 99
14) Allyl chloride	2.73	41	153435	49.201	ug/l 100
15) Acrylonitrile	3.14	53	319444	259.506	ug/l 99
16) Acetone	2.45	43	249926	209.880	ug/l 98
17) Carbon Disulfide	2.57	76	255112	43.290	ug/l 100
18) Methyl Acetate	2.78	43	114421	48.211	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	347829	50.335	ug/l 98
20) Methylene Chloride	2.85	84	121348	49.517	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	112187	47.488	ug/l 98
22) Diisopropyl ether	3.85	45	329298	50.505	ug/l 97
23) Vinyl Acetate	3.82	43	1346513	239.054	ug/l 100
24) 1,1-Dichloroethane	3.70	63	187276	49.690	ug/l 99
25) 2-Butanone	4.67	43	431284	246.905	ug/l 99
26) 2,2-Dichloropropane	4.59	77	141718	43.286	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	136206	49.892	ug/l 98
28) Bromochloromethane	5.02	49	91024	50.514	ug/l 98
29) Tetrahydrofuran	5.13	42	278013	256.954	ug/l 100
30) Chloroform	5.21	83	204300	50.381	ug/l 99
31) Cyclohexane	5.58	56	163838	47.737	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	180498	50.410	ug/l 99
36) 1,1-Dichloropropene	5.80	75	143388	47.549	ug/l 99
37) Ethyl Acetate	4.83	43	150381	48.474	ug/l 100
38) Carbon Tetrachloride	5.78	117	159004	48.693	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182097	45.939	ug/l	98
40) Benzene	6.14	78	463813	49.368	ug/l	99
41) Methacrylonitrile	5.04	41	86973	51.095	ug/l	99
42) 1,2-Dichloroethane	6.20	62	147761	51.668	ug/l	99
43) Isopropyl Acetate	6.45	43	251085	48.919	ug/l	99
44) Trichloroethene	7.21	130	137443	48.891	ug/l	98
45) 1,2-Dichloropropane	7.51	63	116281	49.012	ug/l	99
46) Dibromomethane	7.66	93	85447	50.198	ug/l	98
47) Bromodichloromethane	7.90	83	157115	50.366	ug/l	97
48) Methyl methacrylate	7.77	41	125483	52.597	ug/l	100
49) 1,4-Dioxane	7.74	88	68985	1003.749	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	862488	262.739	ug/l	99
52) Toluene	8.79	92	306706	49.573	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	171210	48.954	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	185872	48.905	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130567	51.170	ug/l	98
56) Ethyl methacrylate	9.18	69	197257	51.032	ug/l	98
57) 1,3-Dichloropropane	9.37	76	200750	50.683	ug/l	100
59) 2-Hexanone	9.49	43	660324	255.584	ug/l	99
60) Dibromochloromethane	9.58	129	145476	50.920	ug/l	100
61) 1,2-Dibromoethane	9.67	107	139536	50.664	ug/l	100
64) Tetrachloroethene	9.33	164	129239	45.372	ug/l	98
65) Chlorobenzene	10.14	112	348306	48.716	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	130327	50.043	ug/l	99
67) Ethyl Benzene	10.25	91	593942	49.207	ug/l	100
68) m/p-Xylenes	10.36	106	459130	98.169	ug/l	100
69) o-Xylene	10.69	106	224434	48.797	ug/l	100
70) Stvrene	10.71	104	383945	49.777	ug/l	99
71) Bromoform	10.85	173	114046	50.357	ug/l #	99
73) Isopropylbenzene	11.02	105	595454	48.940	ug/l	99
74) N-amyl acetate	10.90	43	218808	47.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200900	49.859	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163177m	49.890	ug/l	
77) Bromobenzene	11.26	156	165943	48.845	ug/l	99
78) n-propylbenzene	11.36	91	659554	49.324	ug/l	100
79) 2-Chlorotoluene	11.42	91	388339	48.770	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	487822	48.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63909	45.584	ug/l	96
82) 4-Chlorotoluene	11.51	91	448164	49.462	ug/l	100
83) tert-Butylbenzene	11.77	119	502608	49.926	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	494403	49.062	ug/l	100
85) sec-Butylbenzene	11.94	105	575052	48.650	ug/l	100
86) p-Isopropyltoluene	12.06	119	531686	48.630	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286750	48.353	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	286390	47.436	ug/l	99
89) n-Butylbenzene	12.38	91	442881	47.670	ug/l	100
90) Hexachloroethane	12.60	117	94067	49.757	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	280437	47.580	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41825	48.144	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	193466	47.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88996	44.550	ug/l	100
95) Naphthalene	13.83	128	619152	49.293	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	192889	47.464	ug/l	99

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

