

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016752.D
 Acq On : 15 Jun 2020 14:05
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX061520

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:17 PM

Quant Time: Jun 16 03:29:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	264623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	149479	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	5.46	113	123982	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.70	98	476069	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.12	95	180438	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	153389	51.304	ug/l	99
3) Chloromethane	1.31	50	143018	49.510	ug/l	99
4) Vinyl Chloride	1.39	62	159417	51.720	ug/l	100
5) Bromomethane	1.62	94	91618	47.861	ug/l	99
6) Chloroethane	1.71	64	94307	49.670	ug/l	98
7) Trichlorofluoromethane	1.92	101	228334	51.434	ug/l	96
8) Diethyl Ether	2.17	74	84828	46.793	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123944	54.877	ug/l	97
10) Methyl Iodide	2.49	142	132164	46.817	ug/l	99
11) Tert butyl alcohol	3.01	59	177136	236.890	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129113	49.920	ug/l	97
13) Acrolein	2.27	56	80303	252.197	ug/l	97
14) Allyl chloride	2.71	41	198266	49.014	ug/l	99
15) Acrylonitrile	3.11	53	365543	240.913	ug/l	100
16) Acetone	2.42	43	312677	231.586	ug/l	99
17) Carbon Disulfide	2.55	76	354301	47.831	ug/l	100
18) Methyl Acetate	2.75	43	177438	49.236	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	428660	48.628	ug/l	99
20) Methylene Chloride	2.83	84	136368	46.891	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	133359	47.982	ug/l	99
22) Diisopropyl ether	3.82	45	371131	48.845	ug/l	97
23) Vinyl Acetate	3.78	43	1610020	245.157	ug/l	100
24) 1,1-Dichloroethane	3.67	63	226813	47.727	ug/l	99
25) 2-Butanone	4.64	43	486693	239.182	ug/l	99
26) 2,2-Dichloropropane	4.55	77	218281	49.605	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	149067	46.925	ug/l	100
28) Bromochloromethane	4.98	49	94634	46.681	ug/l	98
29) Tetrahydrofuran	5.09	42	318594	241.692	ug/l	99
30) Chloroform	5.18	83	239179	47.572	ug/l	97
31) Cyclohexane	5.55	56	194846	50.904	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	226804	49.714	ug/l	100
36) 1,1-Dichloropropene	5.77	75	181283	51.730	ug/l	99
37) Ethyl Acetate	4.79	43	187543	48.868	ug/l	99
38) Carbon Tetrachloride	5.76	117	203857	51.221	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208456	51.272	ug/l	98
40) Benzene	6.12	78	530003	49.673	ug/l	98
41) Methacrylonitrile	5.00	41	101514	49.609	ug/l	97
42) 1,2-Dichloroethane	6.17	62	189574	48.680	ug/l	99
43) Isopropyl Acetate	6.41	43	295933	49.201	ug/l	99
44) Trichloroethene	7.19	130	164007	49.693	ug/l	97
45) 1,2-Dichloropropane	7.49	63	130270	49.806	ug/l	99
46) Dibromomethane	7.64	93	92748	48.653	ug/l	99
47) Bromodichloromethane	7.88	83	195370	49.158	ug/l	99
48) Methyl methacrylate	7.74	41	144977	50.855	ug/l	99
49) 1,4-Dioxane	7.71	88	70845	1004.195	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	943016	254.431	ug/l	100
52) Toluene	8.77	92	349257	50.393	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	226811	50.527	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	237122	50.642	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	141023	50.597	ug/l	95
56) Ethyl methacrylate	9.16	69	218346	52.323	ug/l	100
57) 1,3-Dichloropropane	9.35	76	231548	49.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	545523	265.868	ug/l	100
59) 2-Hexanone	9.48	43	732179	255.900	ug/l	99
60) Dibromochloromethane	9.57	129	167178	50.751	ug/l	99
61) 1,2-Dibromoethane	9.65	107	153408	50.503	ug/l	99
64) Tetrachloroethene	9.32	164	177082	49.702	ug/l	98
65) Chlorobenzene	10.12	112	379480	50.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	149677	49.836	ug/l	98
67) Ethyl Benzene	10.24	91	659385	51.809	ug/l	100
68) m/p-Xylenes	10.34	106	507431	105.154	ug/l	99
69) o-Xylene	10.68	106	239930	51.610	ug/l	97
70) Styrene	10.70	104	422270	52.543	ug/l	99
71) Bromoform	10.84	173	127782	49.866	ug/l #	99
73) Isopropylbenzene	11.00	105	653893	52.700	ug/l	100
74) N-amyl acetate	10.88	43	253945	52.658	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	179930	49.297	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	190950m	48.018	ug/l	
77) Bromobenzene	11.24	156	170491	48.664	ug/l	100
78) n-propylbenzene	11.34	91	712513	52.877	ug/l	100
79) 2-Chlorotoluene	11.40	91	430513	50.525	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	545957	52.489	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79290	50.195	ug/l	98
82) 4-Chlorotoluene	11.49	91	510919	51.226	ug/l	99
83) tert-Butylbenzene	11.76	119	498797	52.409	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	549808	52.253	ug/l	99
85) sec-Butylbenzene	11.93	105	596064	53.542	ug/l	100
86) p-Isopropyltoluene	12.05	119	571171	53.472	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	296412	50.045	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	293125	47.723	ug/l	99
89) n-Butylbenzene	12.37	91	475265	53.897	ug/l	99
90) Hexachloroethane	12.58	117	98678	50.096	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	290978	49.126	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50924	49.892	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206780	49.852	ug/l	99
94) Hexachlorobutadiene	13.77	225	94350	51.677	ug/l	98
95) Naphthalene	13.82	128	672651	51.764	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	202764	49.665	ug/l	97

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

