

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017221.D
 Acq On : 07 Jul 2020 23:04
 Operator : JC/SP
 Sample : VX0707WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:54 AM

Quant Time: Jul 08 03:42:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	279895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	437536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172044	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.46	113	141528	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
50) Toluene-d8	8.70	98	496954	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.12	95	196054	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	46104	17.026	ug/l	100
3) Chloromethane	1.31	50	48287	14.732	ug/l	99
4) Vinyl Chloride	1.39	62	50064	16.463	ug/l	94
5) Bromomethane	1.63	94	32309	20.109	ug/l	97
6) Chloroethane	1.72	64	31858	17.738	ug/l	99
7) Trichlorofluoromethane	1.92	101	87260	19.401	ug/l	97
8) Diethyl Ether	2.17	74	30465	20.350	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49663	18.423	ug/l	96
10) Methyl Iodide	2.49	142	40720	11.707	ug/l	98
11) Tert butyl alcohol	3.01	59	63987	97.206	ug/l	98
12) 1,1-Dichloroethene	2.36	96	50043	18.071	ug/l	98
13) Acrolein	2.27	56	41666	105.887	ug/l	99
14) Allyl chloride	2.71	41	86306	16.864	ug/l	98
15) Acrylonitrile	3.12	53	146999	92.894	ug/l	100
16) Acetone	2.42	43	125477	97.207	ug/l	98
17) Carbon Disulfide	2.55	76	133249	17.259	ug/l	99
18) Methyl Acetate	2.75	43	64930	19.269	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	177264	19.073	ug/l	98
20) Methylene Chloride	2.84	84	59160	19.506	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	55369	18.017	ug/l	96
22) Diisopropyl ether	3.82	45	181179	19.128	ug/l	99
23) Vinyl Acetate	3.79	43	761015	93.499	ug/l	99
24) 1,1-Dichloroethane	3.67	63	101107	18.760	ug/l	98
25) 2-Butanone	4.64	43	202427	94.116	ug/l	99
26) 2,2-Dichloropropane	4.56	77	71222	14.883	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	62771	18.027	ug/l	97
28) Bromochloromethane	4.98	49	44715	17.050	ug/l	97
29) Tetrahydrofuran	5.09	42	128773	90.615	ug/l	98
30) Chloroform	5.18	83	105371	19.073	ug/l	98
31) Cyclohexane	5.55	56	77543	16.645	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	97808	19.223	ug/l	98
36) 1,1-Dichloropropene	5.78	75	74537	18.025	ug/l	99
37) Ethyl Acetate	4.79	43	78504	18.711	ug/l	97
38) Carbon Tetrachloride	5.76	117	87619	19.237	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75675	16.448	ug/l	98
40) Benzene	6.12	78	221785	18.254	ug/l	96
41) Methacrylonitrile	5.01	41	44106	18.678	ug/l	97
42) 1,2-Dichloroethane	6.17	62	87092	19.845	ug/l	100
43) Isopropyl Acetate	6.42	43	126539	18.150	ug/l	99
44) Trichloroethene	7.19	130	65093	19.224	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58564	18.767	ug/l	97
46) Dibromomethane	7.64	93	41356	19.411	ug/l	96
47) Bromodichloromethane	7.88	83	84984	19.356	ug/l	96
48) Methyl methacrylate	7.74	41	60079	18.138	ug/l	97
49) 1,4-Dioxane	7.71	88	27605	367.869	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	400267	96.311	ug/l	99
52) Toluene	8.76	92	141625	18.670	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	88198	18.206	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	92669	17.845	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60338	19.468	ug/l	98
56) Ethyl methacrylate	9.16	69	82393	18.677	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98638	18.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	200973	91.539	ug/l	99
59) 2-Hexanone	9.47	43	293566	96.719	ug/l	99
60) Dibromochloromethane	9.57	129	71792	19.944	ug/l	98
61) 1,2-Dibromoethane	9.65	107	64189	19.268	ug/l	96
64) Tetrachloroethene	9.32	164	62731	18.692	ug/l	97
65) Chlorobenzene	10.12	112	156157	18.195	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	63945	19.333	ug/l	99
67) Ethyl Benzene	10.24	91	262106	18.287	ug/l	98
68) m/p-Xylenes	10.34	106	205118	37.271	ug/l	100
69) o-Xylene	10.68	106	93650	17.888	ug/l	98
70) Styrene	10.70	104	165760	18.593	ug/l	99
71) Bromoform	10.84	173	54031	20.600	ug/l	99
73) Isopropylbenzene	11.00	105	257882	17.302	ug/l	99
74) N-amyl acetate	10.88	43	105502	16.589	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	87779	18.722	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	81673m	18.252	ug/l	
77) Bromobenzene	11.24	156	73378	17.913	ug/l	98
78) n-propylbenzene	11.34	91	289070	17.150	ug/l	99
79) 2-Chlorotoluene	11.40	91	180153	17.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	220252	17.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	26630	15.412	ug/l	93
82) 4-Chlorotoluene	11.49	91	217648	17.848	ug/l	100
83) tert-Butylbenzene	11.76	119	211408	17.419	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	226908	18.091	ug/l	99
85) sec-Butylbenzene	11.93	105	244485	17.138	ug/l	100
86) p-Isopropyltoluene	12.05	119	232206	17.485	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	130109	17.488	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	133352	18.887	ug/l	100
89) n-Butylbenzene	12.37	91	189619	15.990	ug/l	98
90) Hexachloroethane	12.58	117	44801	17.106	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	125342	18.023	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19342	17.293	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	80891	17.041	ug/l	99
94) Hexachlorobutadiene	13.77	225	32446	18.551	ug/l	94
95) Naphthalene	13.82	128	250832	17.382	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	81035	17.640	ug/l	99

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

