

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017314.D
 Acq On : 09 Jul 2020 17:42
 Operator : JC/SP
 Sample : VX0709WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:37:06 PM

Quant Time: Jul 10 07:14:20 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	291705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	444276	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	183596	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
35) Dibromofluoromethane	5.46	113	149295	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	8.70	98	528401	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.12	95	204214	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48639	17.235	ug/l	95
3) Chloromethane	1.32	50	51793	15.162	ug/l	94
4) Vinyl Chloride	1.39	62	49317	15.561	ug/l	100
5) Bromomethane	1.63	94	36519	21.809	ug/l	95
6) Chloroethane	1.71	64	32625	17.429	ug/l	98
7) Trichlorofluoromethane	1.92	101	88810	18.947	ug/l	97
8) Diethyl Ether	2.17	74	30303	19.439	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52068	18.534	ug/l	98
10) Methyl Iodide	2.49	142	42271	11.661	ug/l	99
11) Tert butyl alcohol	3.01	59	64786	94.435	ug/l	100
12) 1,1-Dichloroethene	2.35	96	49165	17.036	ug/l	99
13) Acrolein	2.27	56	26713	65.138	ug/l	100
14) Allyl chloride	2.71	41	90336	16.937	ug/l	98
15) Acrylonitrile	3.12	53	156395	94.831	ug/l	99
16) Acetone	2.42	43	127228	94.574	ug/l	97
17) Carbon Disulfide	2.55	76	128503	15.972	ug/l	100
18) Methyl Acetate	2.74	43	71904	20.475	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	185780	19.180	ug/l	99
20) Methylene Chloride	2.84	84	60119	19.000	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55735	17.402	ug/l	98
22) Diisopropyl ether	3.82	45	184479	18.688	ug/l	96
23) Vinyl Acetate	3.79	43	795675	93.800	ug/l	99
24) 1,1-Dichloroethane	3.67	63	103935	18.504	ug/l	99
25) 2-Butanone	4.63	43	211755	94.467	ug/l	99
26) 2,2-Dichloropropane	4.55	77	93788	18.806	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	64451	17.760	ug/l	99
28) Bromochloromethane	4.98	49	52252	19.117	ug/l	96
29) Tetrahydrofuran	5.09	42	140333	94.751	ug/l	99
30) Chloroform	5.18	83	110110	19.123	ug/l	99
31) Cyclohexane	5.55	56	81029	16.690	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	98202	18.519	ug/l	97
36) 1,1-Dichloropropene	5.77	75	75829	18.059	ug/l	99
37) Ethyl Acetate	4.79	43	82882	19.454	ug/l	99
38) Carbon Tetrachloride	5.75	117	90436	19.554	ug/l	96

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Quant Time: Jul 10 07:14:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80189	17.164	ug/l	99
40) Benzene	6.12	78	227694	18.456	ug/l	99
41) Methacrylonitrile	5.00	41	46354	19.332	ug/l	99
42) 1,2-Dichloroethane	6.16	62	89273	20.033	ug/l	99
43) Isopropyl Acetate	6.42	43	133643	18.878	ug/l	98
44) Trichloroethene	7.19	130	66333	19.294	ug/l	95
45) 1,2-Dichloropropane	7.49	63	59877	18.896	ug/l	96
46) Dibromomethane	7.64	93	42832	19.799	ug/l	96
47) Bromodichloromethane	7.88	83	89854	20.154	ug/l	97
48) Methyl methacrylate	7.74	41	64129	19.067	ug/l	96
49) 1,4-Dioxane	7.71	88	26848	352.353	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	430453	102.003	ug/l	100
52) Toluene	8.76	92	145905	18.942	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	95503	19.415	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	100319	19.025	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	62568	19.881	ug/l	98
56) Ethyl methacrylate	9.16	69	88513	19.760	ug/l	100
57) 1,3-Dichloropropane	9.35	76	103454	19.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	233615	104.792	ug/l	99
59) 2-Hexanone	9.47	43	322430	104.617	ug/l	100
60) Dibromochloromethane	9.57	129	73792	20.188	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66179	19.563	ug/l	99
64) Tetrachloroethene	9.32	164	67128	19.924	ug/l	96
65) Chlorobenzene	10.12	112	161960	18.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	65489	19.723	ug/l	99
67) Ethyl Benzene	10.24	91	269479	18.728	ug/l	99
68) m/p-Xylenes	10.34	106	211296	38.244	ug/l	99
69) o-Xylene	10.68	106	98292	18.702	ug/l	98
70) Styrene	10.69	104	173325	19.366	ug/l	100
71) Bromoform	10.84	173	55879	21.221	ug/l	99
73) Isopropylbenzene	11.00	105	272273	18.275	ug/l	99
74) N-amyl acetate	10.88	43	113758	17.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88869	18.963	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	85468m	19.109	ug/l	
77) Bromobenzene	11.24	156	75051	18.329	ug/l	98
78) n-propylbenzene	11.34	91	306349	18.184	ug/l	98
79) 2-Chlorotoluene	11.40	91	188951	18.531	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229367	18.561	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31365	18.160	ug/l	96
82) 4-Chlorotoluene	11.49	91	223691	18.352	ug/l	100
83) tert-Butylbenzene	11.76	119	220889	18.209	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	237241	18.923	ug/l	98
85) sec-Butylbenzene	11.93	105	256743	18.005	ug/l	99
86) p-Isopropyltoluene	12.05	119	245704	18.509	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138922	18.681	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	136554	19.354	ug/l	97
89) n-Butylbenzene	12.37	91	205318	17.322	ug/l	99
90) Hexachloroethane	12.58	117	46655	17.822	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	132088	19.002	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20293	18.152	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84901	17.894	ug/l	99
94) Hexachlorobutadiene	13.76	225	36426	20.732	ug/l	94
95) Naphthalene	13.82	128	263397	18.261	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	82940	18.063	ug/l	98

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

