

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051320\
 Data File : VX016197.D
 Acq On : 13 May 2020 23:01
 Operator : JC/SP
 Sample : VX0513WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:16:04 PM

Quant Time: May 14 07:29:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	277208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	450546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165290	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	5.47	113	130747	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.70	98	512575	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.12	95	194656	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49222	16.775	ug/l	97
3) Chloromethane	1.31	50	56265	16.512	ug/l	99
4) Vinyl Chloride	1.39	62	59719	16.427	ug/l	99
5) Bromomethane	1.63	94	35425	19.328	ug/l	100
6) Chloroethane	1.71	64	36630	16.560	ug/l	98
7) Trichlorofluoromethane	1.92	101	77705	16.281	ug/l	94
8) Diethyl Ether	2.17	74	32819	16.320	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44642	16.212	ug/l	100
10) Methyl Iodide	2.49	142	41212	11.142	ug/l	100
11) Tert butyl alcohol	3.01	59	78000	84.559	ug/l	100
12) 1,1-Dichloroethene	2.36	96	45964	15.951	ug/l	98
13) Acrolein	2.27	56	39089	67.719	ug/l	97
14) Allyl chloride	2.71	41	85021	16.092	ug/l	96
15) Acrylonitrile	3.12	53	163351	85.364	ug/l	100
16) Acetone	2.42	43	133524	82.037	ug/l	97
17) Carbon Disulfide	2.55	76	135369	15.500	ug/l	99
18) Methyl Acetate	2.75	43	71489	17.864	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	173639	17.480	ug/l	99
20) Methylene Chloride	2.84	84	56329	16.788	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	52750	16.427	ug/l	100
22) Diisopropyl ether	3.82	45	172717	17.328	ug/l	97
23) Vinyl Acetate	3.79	43	740313	84.419	ug/l	99
24) 1,1-Dichloroethane	3.67	63	96237	17.259	ug/l	99
25) 2-Butanone	4.64	43	227326	86.675	ug/l	100
26) 2,2-Dichloropropane	4.56	77	72419	14.221	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61637	17.557	ug/l	96
28) Bromochloromethane	4.99	49	48295	18.995	ug/l	97
29) Tetrahydrofuran	5.09	42	148647	85.536	ug/l	99
30) Chloroform	5.18	83	95680	17.234	ug/l	97
31) Cyclohexane	5.55	56	82536	16.287	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86156	17.073	ug/l	98
36) 1,1-Dichloropropene	5.78	75	71452	16.111	ug/l	100
37) Ethyl Acetate	4.79	43	86079	16.746	ug/l	98
38) Carbon Tetrachloride	5.76	117	76201	16.904	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80729	15.115	ug/l	97
40) Benzene	6.12	78	221778	17.091	ug/l	99
41) Methacrylonitrile	5.01	41	47067	16.955	ug/l	99
42) 1,2-Dichloroethane	6.17	62	78664	16.828	ug/l	99
43) Isopropyl Acetate	6.42	43	135373	16.506	ug/l	99
44) Trichloroethene	7.19	130	75448	16.366	ug/l	97
45) 1,2-Dichloropropane	7.49	63	57989	17.661	ug/l	97
46) Dibromomethane	7.64	93	38085	17.068	ug/l	100
47) Bromodichloromethane	7.88	83	77758	17.110	ug/l	98
48) Methyl methacrylate	7.74	41	63794	16.415	ug/l	97
49) 1,4-Dioxane	7.71	88	31473	337.673	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	430389	85.755	ug/l	99
52) Toluene	8.77	92	141683	17.517	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87824	16.208	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	93699	16.556	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	56602	17.786	ug/l	98
56) Ethyl methacrylate	9.16	69	88389	17.016	ug/l	97
57) 1,3-Dichloropropane	9.35	76	98029	17.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	248077	89.706	ug/l	100
59) 2-Hexanone	9.48	43	332957	84.477	ug/l	98
60) Dibromochloromethane	9.57	129	61815	17.637	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59573	17.282	ug/l	99
64) Tetrachloroethene	9.32	164	86634	16.623	ug/l	97
65) Chlorobenzene	10.12	112	149335	16.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55663	16.942	ug/l	99
67) Ethyl Benzene	10.24	91	260545	16.427	ug/l	99
68) m/p-Xylenes	10.34	106	198393	33.386	ug/l	100
69) o-Xylene	10.68	106	96199	16.841	ug/l	98
70) Styrene	10.70	104	161471	16.663	ug/l	100
71) Bromoform	10.84	173	45931	17.159	ug/l #	100
73) Isopropylbenzene	11.00	105	254837	16.706	ug/l	99
74) N-amyl acetate	10.88	43	113590	15.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	53761	20.288	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80861m	16.990	ug/l	
77) Bromobenzene	11.24	156	65508	16.637	ug/l	100
78) n-propylbenzene	11.34	91	291760	16.441	ug/l	100
79) 2-Chlorotoluene	11.40	91	174117	16.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	212834	16.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	30536	15.290	ug/l	99
82) 4-Chlorotoluene	11.49	91	207181	16.749	ug/l	100
83) tert-Butylbenzene	11.76	119	182849	16.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	216289	16.610	ug/l	99
85) sec-Butylbenzene	11.93	105	239016	15.948	ug/l	100
86) p-Isopropyltoluene	12.05	119	219456	15.772	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118165	16.714	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119517	16.656	ug/l	99
89) n-Butylbenzene	12.37	91	186373	14.662	ug/l	100
90) Hexachloroethane	12.58	117	37790	15.814	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	110266	16.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19896	15.862	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78284	15.532	ug/l	99
94) Hexachlorobutadiene	13.77	225	31605	14.934	ug/l	99
95) Naphthalene	13.82	128	264759	16.223	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	80228	16.288	ug/l	96

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

