

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016250.D
 Acq On : 14 May 2020 23:34
 Operator : JC/SP
 Sample : VX0514WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:34 AM

Quant Time: May 15 04:51:57 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	200181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	355543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	342721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	141210	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
35) Dibromofluoromethane	5.47	113	109621	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.70	98	418613	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	163046	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	32962	15.556	ug/l	99
3) Chloromethane	1.31	50	48114	19.553	ug/l	100
4) Vinyl Chloride	1.39	62	46291	17.633	ug/l	99
5) Bromomethane	1.63	94	32113	24.263	ug/l	99
6) Chloroethane	1.71	64	29703	18.595	ug/l	97
7) Trichlorofluoromethane	1.92	101	55494	16.101	ug/l	99
8) Diethyl Ether	2.17	74	29049	20.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29687	14.929	ug/l	100
10) Methyl Iodide	2.49	142	37016	13.858	ug/l	99
11) Tert butyl alcohol	3.01	59	73708	110.653	ug/l	100
12) 1,1-Dichloroethene	2.36	96	34989	16.814	ug/l	98
13) Acrolein	2.27	56	40105	96.214	ug/l	98
14) Allyl chloride	2.71	41	72358	18.965	ug/l	95
15) Acrylonitrile	3.12	53	158805	114.921	ug/l	99
16) Acetone	2.42	43	129006	109.760	ug/l	97
17) Carbon Disulfide	2.55	76	103893	16.487	ug/l	99
18) Methyl Acetate	2.75	43	68917	23.848	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	158225	22.057	ug/l	97
20) Methylene Chloride	2.84	84	49332	20.360	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	43307	18.676	ug/l	98
22) Diisopropyl ether	3.82	45	152649	21.207	ug/l	97
23) Vinyl Acetate	3.79	43	670105	105.816	ug/l	98
24) 1,1-Dichloroethane	3.67	63	82938	20.598	ug/l	100
25) 2-Butanone	4.64	43	217002	114.576	ug/l	98
26) 2,2-Dichloropropane	4.55	77	57261	15.572	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	52735	20.802	ug/l	96
28) Bromochloromethane	4.98	49	44090	24.013	ug/l	96
29) Tetrahydrofuran	5.09	42	143147	114.067	ug/l	97
30) Chloroform	5.18	83	84758	21.141	ug/l	98
31) Cyclohexane	5.55	56	55236	15.094	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	69737	19.136	ug/l	99
36) 1,1-Dichloropropene	5.77	75	55466	15.848	ug/l	100
37) Ethyl Acetate	4.80	43	81261	20.033	ug/l	98
38) Carbon Tetrachloride	5.76	117	57793	16.246	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	52462	12.447	ug/l	97
40) Benzene	6.12	78	193636	18.909	ug/l	99
41) Methacrylonitrile	5.01	41	43871	20.026	ug/l	97
42) 1,2-Dichloroethane	6.17	62	69626	18.875	ug/l	100
43) Isopropyl Acetate	6.42	43	126007	19.469	ug/l	98
44) Trichloroethene	7.19	130	62808	17.264	ug/l	97
45) 1,2-Dichloropropane	7.49	63	51599	19.914	ug/l	100
46) Dibromomethane	7.64	93	34793	19.759	ug/l	99
47) Bromodichloromethane	7.88	83	68707	19.158	ug/l	100
48) Methyl methacrylate	7.75	41	58563	19.096	ug/l	95
49) 1,4-Dioxane	7.71	88	29338	398.874	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	412453	104.140	ug/l	98
52) Toluene	8.77	92	121769	19.077	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78600	18.382	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	83637	18.726	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	51249	20.407	ug/l	98
56) Ethyl methacrylate	9.16	69	82752	20.187	ug/l	94
57) 1,3-Dichloropropane	9.35	76	88591	20.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	217271	99.560	ug/l	100
59) 2-Hexanone	9.48	43	316369	101.716	ug/l	97
60) Dibromochloromethane	9.57	129	55922	20.219	ug/l	99
61) 1,2-Dibromoethane	9.66	107	54036	19.865	ug/l	98
64) Tetrachloroethene	9.32	164	69303	16.472	ug/l	99
65) Chlorobenzene	10.12	112	131222	18.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	49630	18.711	ug/l	100
67) Ethyl Benzene	10.24	91	223110	17.425	ug/l	99
68) m/p-Xylenes	10.34	106	165237	34.444	ug/l	98
69) o-Xylene	10.68	106	82579	17.908	ug/l	100
70) Styrene	10.70	104	142340	18.195	ug/l	100
71) Bromoform	10.84	173	41001	18.973	ug/l #	96
73) Isopropylbenzene	11.01	105	205097	16.862	ug/l	98
74) N-amyl acetate	10.88	43	102363	18.043	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	53538	24.633	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	75480m	19.891	ug/l	
77) Bromobenzene	11.24	156	58682	18.692	ug/l	98
78) n-propylbenzene	11.34	91	231669	16.373	ug/l	100
79) 2-Chlorotoluene	11.41	91	148533	17.784	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	173849	16.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	28129	17.665	ug/l	100
82) 4-Chlorotoluene	11.49	91	176332	17.878	ug/l	100
83) tert-Butylbenzene	11.76	119	143460	16.210	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	179491	17.288	ug/l	99
85) sec-Butylbenzene	11.93	105	176900	14.804	ug/l	100
86) p-Isopropyltoluene	12.05	119	166144	14.975	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	98654	17.501	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	101463	17.734	ug/l	99
89) n-Butylbenzene	12.37	91	132750	13.098	ug/l	99
90) Hexachloroethane	12.58	117	28377	14.893	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	98159	18.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18762	18.760	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	62946	15.664	ug/l	99
94) Hexachlorobutadiene	13.77	225	19055	11.420	ug/l	98
95) Naphthalene	13.82	128	235761	18.118	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	64498	16.422	ug/l	99

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

