

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016037.D
 Acq On : 04 May 2020 15:48
 Operator : JC/SP
 Sample : VX0504WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:30 AM

Quant Time: May 05 07:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	322399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	513704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	193172	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	5.46	113	144476	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	8.70	98	578277	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.12	95	218314	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	62906	18.434	ug/l 99
3) Chloromethane	1.31	50	70133	17.697	ug/l 100
4) Vinyl Chloride	1.39	62	75973	17.968	ug/l 98
5) Bromomethane	1.63	94	53570	25.131	ug/l 97
6) Chloroethane	1.71	64	48892	19.005	ug/l 99
7) Trichlorofluoromethane	1.92	101	104458	18.818	ug/l 100
8) Diethyl Ether	2.17	74	42576	18.204	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	59866	18.693	ug/l 99
10) Methyl Iodide	2.49	142	72478	16.848	ug/l 98
11) Tert butyl alcohol	3.01	59	94623	88.202	ug/l 100
12) 1,1-Dichloroethene	2.36	96	59553	17.770	ug/l 93
13) Acrolein	2.27	56	56711	84.476	ug/l 98
14) Allyl chloride	2.70	41	111016	18.066	ug/l 99
15) Acrylonitrile	3.12	53	193674	87.023	ug/l 100
16) Acetone	2.42	43	169372	89.476	ug/l 97
17) Carbon Disulfide	2.55	76	187583	18.508	ug/l 99
18) Methyl Acetate	2.75	43	81921	17.601	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	212851	18.424	ug/l 99
20) Methylene Chloride	2.83	84	67380	17.267	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	65496	17.537	ug/l 98
22) Diisopropyl ether	3.82	45	209852	18.102	ug/l 96
23) Vinyl Acetate	3.78	43	932659	91.445	ug/l 99
24) 1,1-Dichloroethane	3.67	63	117356	18.097	ug/l 99
25) 2-Butanone	4.64	43	273287	89.594	ug/l 98
26) 2,2-Dichloropropane	4.55	77	107154	18.093	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	72619	17.786	ug/l 100
28) Bromochloromethane	4.98	49	54468	18.420	ug/l 100
29) Tetrahydrofuran	5.09	42	179672	88.897	ug/l 99
30) Chloroform	5.18	83	117616	18.216	ug/l 98
31) Cyclohexane	5.55	56	107047	18.163	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	106874	18.209	ug/l 99
36) 1,1-Dichloropropene	5.77	75	89955	17.789	ug/l 99
37) Ethyl Acetate	4.79	43	105263	17.960	ug/l 99
38) Carbon Tetrachloride	5.76	117	93721	18.234	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	110206	18.097	ug/l	99
40) Benzene	6.11	78	266127	17.987	ug/l	100
41) Methacrylonitrile	5.00	41	55813	17.634	ug/l	100
42) 1,2-Dichloroethane	6.16	62	97656	18.322	ug/l	99
43) Isopropyl Acetate	6.41	43	169596	18.136	ug/l	100
44) Trichloroethene	7.19	130	95053	18.083	ug/l	99
45) 1,2-Dichloropropane	7.49	63	67835	18.119	ug/l	98
46) Dibromomethane	7.64	93	45485	17.878	ug/l	99
47) Bromodichloromethane	7.88	83	92425	17.837	ug/l	98
48) Methyl methacrylate	7.74	41	79306	17.898	ug/l	98
49) 1,4-Dioxane	7.71	88	37582	353.643	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	518286	90.572	ug/l	100
52) Toluene	8.76	92	169495	18.379	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	109360	17.701	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	115363	17.877	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65316	18.001	ug/l	99
56) Ethyl methacrylate	9.16	69	106114	17.916	ug/l	99
57) 1,3-Dichloropropane	9.35	76	113709	17.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	287110	91.056	ug/l	100
59) 2-Hexanone	9.47	43	403844	89.864	ug/l	99
60) Dibromochloromethane	9.57	129	73164	18.309	ug/l	99
61) 1,2-Dibromoethane	9.65	107	71035	18.074	ug/l	98
64) Tetrachloroethene	9.32	164	106918	18.657	ug/l	97
65) Chlorobenzene	10.12	112	177538	18.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	65926	18.248	ug/l	100
67) Ethyl Benzene	10.24	91	320711	18.389	ug/l	98
68) m/p-Xylenes	10.34	106	244196	37.372	ug/l	100
69) o-Xylene	10.68	106	116868	18.607	ug/l	100
70) Styrene	10.70	104	194496	18.253	ug/l	99
71) Bromoform	10.84	173	51692	17.562	ug/l	98
73) Isopropylbenzene	11.00	105	312877	18.478	ug/l	100
74) N-amyl acetate	10.88	43	142998	18.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	54753	18.237	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	95924m	18.158	ug/l	
77) Bromobenzene	11.24	156	77954	17.837	ug/l	99
78) n-propylbenzene	11.34	91	363708	18.464	ug/l	100
79) 2-Chlorotoluene	11.40	91	210364	18.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	263968	18.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39035	17.609	ug/l	97
82) 4-Chlorotoluene	11.49	91	250640	18.255	ug/l	99
83) tert-Butylbenzene	11.76	119	224689	18.237	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	263067	18.201	ug/l	100
85) sec-Butylbenzene	11.93	105	305180	18.346	ug/l	99
86) p-Isopropyltoluene	12.05	119	282416	18.286	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138905	17.701	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140221	17.605	ug/l	99
89) n-Butylbenzene	12.37	91	250723	17.770	ug/l	99
90) Hexachloroethane	12.58	117	46624	17.578	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	135665	17.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23737	17.049	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	98805	17.662	ug/l	97
94) Hexachlorobutadiene	13.77	225	44321	18.730	ug/l	97
95) Naphthalene	13.82	128	318543	17.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	96250	17.604	ug/l	99

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

