

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016085.D
 Acq On : 07 May 2020 11:01
 Operator : JC/SP
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:22 AM

Quant Time: May 08 03:45:10 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	5.63	168	316354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192559	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	149395	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	8.70	98	596567	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.12	95	223365	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	63795	19.052	ug/l	99
3) Chloromethane	1.31	50	72907	18.748	ug/l	98
4) Vinyl Chloride	1.39	62	75482	18.193	ug/l	100
5) Bromomethane	1.63	94	48759	23.311	ug/l	96
6) Chloroethane	1.71	64	46330	18.353	ug/l	99
7) Trichlorofluoromethane	1.92	101	100760	18.499	ug/l	96
8) Diethyl Ether	2.17	74	39607	17.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59341	18.883	ug/l	98
10) Methyl Iodide	2.49	142	70657	16.739	ug/l	100
11) Tert butyl alcohol	3.01	59	90842	86.295	ug/l	99
12) 1,1-Dichloroethene	2.36	96	59842	18.197	ug/l	99
13) Acrolein	2.27	56	47958	72.803	ug/l	99
14) Allyl chloride	2.71	41	109872	18.222	ug/l	98
15) Acrylonitrile	3.11	53	192749	88.263	ug/l	99
16) Acetone	2.42	43	160412	86.362	ug/l	99
17) Carbon Disulfide	2.55	76	179519	18.046	ug/l	100
18) Methyl Acetate	2.75	43	83778	18.344	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	210576	18.575	ug/l	99
20) Methylene Chloride	2.83	84	67691	17.678	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	64894	17.708	ug/l	97
22) Diisopropyl ether	3.82	45	210905	18.541	ug/l	92
23) Vinyl Acetate	3.78	43	915959	91.524	ug/l	100
24) 1,1-Dichloroethane	3.67	63	119254	18.741	ug/l	99
25) 2-Butanone	4.63	43	262985	87.864	ug/l	100
26) 2,2-Dichloropropane	4.55	77	107615	18.518	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	73862	18.436	ug/l	99
28) Bromochloromethane	4.98	49	50237	17.314	ug/l	99
29) Tetrahydrofuran	5.09	42	176667	89.080	ug/l	100
30) Chloroform	5.18	83	116350	18.364	ug/l	97
31) Cyclohexane	5.54	56	109482	18.931	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	106549	18.501	ug/l	99
36) 1,1-Dichloropropene	5.77	75	91235	18.826	ug/l	99
37) Ethyl Acetate	4.79	43	102644	18.274	ug/l	100
38) Carbon Tetrachloride	5.75	117	93860	19.054	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	112015	19.193	ug/l	99
40) Benzene	6.11	78	268565	18.940	ug/l	99
41) Methacrylonitrile	5.01	41	55995	18.459	ug/l	99
42) 1,2-Dichloroethane	6.16	62	95418	18.680	ug/l	100
43) Isopropyl Acetate	6.41	43	165398	18.455	ug/l	100
44) Trichloroethene	7.19	130	96904	19.236	ug/l	97
45) 1,2-Dichloropropane	7.49	63	70293	19.591	ug/l	98
46) Dibromomethane	7.64	93	45885	18.818	ug/l	100
47) Bromodichloromethane	7.87	83	93671	18.862	ug/l	100
48) Methyl methacrylate	7.74	41	76951	18.120	ug/l	99
49) 1,4-Dioxane	7.71	88	36542	358.782	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	509288	92.862	ug/l	100
52) Toluene	8.76	92	170147	19.250	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	109798	18.544	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	116095	18.772	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	66446	19.108	ug/l	98
56) Ethyl methacrylate	9.16	69	106587	18.777	ug/l	99
57) 1,3-Dichloropropane	9.35	76	116395	19.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	262458	86.851	ug/l	99
59) 2-Hexanone	9.47	43	391582	90.918	ug/l	99
60) Dibromochloromethane	9.57	129	72668	18.974	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70775	18.790	ug/l	98
64) Tetrachloroethene	9.32	164	110946	19.977	ug/l	99
65) Chlorobenzene	10.12	112	179294	18.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67172	19.186	ug/l	100
67) Ethyl Benzene	10.23	91	323119	19.118	ug/l	99
68) m/p-Xylenes	10.34	106	244854	38.668	ug/l	100
69) o-Xylene	10.68	106	117252	19.263	ug/l	99
70) Styrene	10.70	104	196271	19.007	ug/l	100
71) Bromoform	10.84	173	52513	18.410	ug/l #	96
73) Isopropylbenzene	11.00	105	312578	19.040	ug/l	99
74) N-amyl acetate	10.88	43	138005	18.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48943	17.562	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	95185m	18.584	ug/l	
77) Bromobenzene	11.24	156	78058	18.421	ug/l	99
78) n-propylbenzene	11.34	91	363097	19.011	ug/l	100
79) 2-Chlorotoluene	11.40	91	211966	18.802	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	267262	19.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39121	18.202	ug/l	98
82) 4-Chlorotoluene	11.49	91	253182	19.018	ug/l	100
83) tert-Butylbenzene	11.76	119	224309	18.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	267535	19.091	ug/l	100
85) sec-Butylbenzene	11.93	105	308092	19.102	ug/l	99
86) p-Isopropyltoluene	12.05	119	285438	19.061	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	141480	18.595	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	141990	18.386	ug/l	98
89) n-Butylbenzene	12.37	91	252667	18.469	ug/l	100
90) Hexachloroethane	12.58	117	48554	18.879	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	137575	18.778	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22341	16.550	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	99322	18.311	ug/l	98
94) Hexachlorobutadiene	13.77	225	47441	20.623	ug/l	98
95) Naphthalene	13.82	128	317431	18.073	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	99072	18.689	ug/l	99

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

