

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040220\
 Data File : VX015475.D
 Acq On : 02 Apr 2020 12:43
 Operator : JC/SP
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:36:35 PM

Quant Time: Apr 03 08:27:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1106610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1733504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1561464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	835332	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	765150	49.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.04%	
35) Dibromofluoromethane	5.47	113	555331	50.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.24%	
50) Toluene-d8	8.70	98	2017005	49.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.12	95	830426	50.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	197835	20.292	ug/l	99
3) Chloromethane	1.31	50	217635	17.529	ug/l	99
4) Vinyl Chloride	1.39	62	205016	17.983	ug/l	99
5) Bromomethane	1.63	94	135846	21.190	ug/l	98
6) Chloroethane	1.71	64	131418	18.587	ug/l	97
7) Trichlorofluoromethane	1.92	101	309117	20.218	ug/l	100
8) Diethyl Ether	2.17	74	120444	18.677	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201510	20.218	ug/l	98
10) Methyl Iodide	2.49	142	233789	17.398	ug/l	99
11) Tert butyl alcohol	3.01	59	290695	77.814	ug/l	99
12) 1,1-Dichloroethene	2.36	96	196692	18.827	ug/l	97
13) Acrolein	2.27	56	208774	98.106	ug/l	100
14) Allyl chloride	2.70	41	449921	18.431	ug/l	97
15) Acrylonitrile	3.11	53	638513	89.624	ug/l	100
16) Acetone	2.42	43	590823	88.112	ug/l	99
17) Carbon Disulfide	2.55	76	580450	18.212	ug/l	98
18) Methyl Acetate	2.75	43	309420	18.080	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	756049	18.659	ug/l	100
20) Methylene Chloride	2.83	84	228821	18.270	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	211424	18.234	ug/l	96
22) Diisopropyl ether	3.82	45	836734	19.343	ug/l	96
23) Vinyl Acetate	3.78	43	3772753	96.329	ug/l	99
24) 1,1-Dichloroethane	3.67	63	420519	18.464	ug/l	99
25) 2-Butanone	4.63	43	929494	86.195	ug/l	97
26) 2,2-Dichloropropane	4.55	77	376371	20.133	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	243253	18.133	ug/l	94
28) Bromochloromethane	4.98	49	225126	20.703	ug/l	99
29) Tetrahydrofuran	5.09	42	604065	87.135	ug/l	99
30) Chloroform	5.17	83	411940	18.800	ug/l	95
31) Cyclohexane	5.55	56	384060	19.438	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	371065	18.712	ug/l	99
36) 1,1-Dichloropropene	5.77	75	311270	19.488	ug/l	99
37) Ethyl Acetate	4.79	43	375966	18.078	ug/l	99
38) Carbon Tetrachloride	5.75	117	327539	18.933	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	381322	20.706	ug/l	95
40) Benzene	6.11	78	880787	18.825	ug/l	98
41) Methacrylonitrile	5.00	41	213611	18.503	ug/l	99
42) 1,2-Dichloroethane	6.16	62	365583	19.453	ug/l	99
43) Isopropyl Acetate	6.41	43	642194	18.292	ug/l	99
44) Trichloroethene	7.18	130	242379	18.995	ug/l	99
45) 1,2-Dichloropropane	7.49	63	243237	19.004	ug/l	99
46) Dibromomethane	7.64	93	160540	19.121	ug/l	99
47) Bromodichloromethane	7.87	83	341388	19.082	ug/l	98
48) Methyl methacrylate	7.75	41	326577	18.623	ug/l	98
49) 1,4-Dioxane	7.72	88	111257	340.099	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1856345	93.301	ug/l	99
52) Toluene	8.76	92	560050	19.415	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	387230	18.456	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	408554	19.115	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	230275	19.485	ug/l	96
56) Ethyl methacrylate	9.16	69	383710	18.423	ug/l	100
57) 1,3-Dichloropropane	9.36	76	395455	18.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1001610	98.867	ug/l	99
59) 2-Hexanone	9.47	43	1372723	91.386	ug/l	100
60) Dibromochloromethane	9.56	129	263012	18.521	ug/l	97
61) 1,2-Dibromoethane	9.65	107	244604	19.035	ug/l	100
64) Tetrachloroethene	9.32	164	235879	20.017	ug/l	96
65) Chlorobenzene	10.12	112	599505	19.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	233336	18.756	ug/l	99
67) Ethyl Benzene	10.23	91	1096413	19.852	ug/l	100
68) m/p-Xylenes	10.34	106	819729	39.859	ug/l	98
69) o-Xylene	10.68	106	398299	19.599	ug/l	99
70) Styrene	10.70	104	689062	19.269	ug/l	99
71) Bromoform	10.84	173	205657	18.159	ug/l #	99
73) Isopropylbenzene	11.00	105	1075069	19.642	ug/l	99
74) N-amyl acetate	10.88	43	546472	17.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	347134	18.483	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	331063m	19.273	ug/l	
77) Bromobenzene	11.24	156	276972	18.972	ug/l	98
78) n-propylbenzene	11.34	91	1232291	19.690	ug/l	100
79) 2-Chlorotoluene	11.40	91	742941	19.368	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	919257	19.666	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	126215	17.630	ug/l	97
82) 4-Chlorotoluene	11.49	91	890311	19.798	ug/l	99
83) tert-Butylbenzene	11.76	119	885215	19.388	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	917214	19.256	ug/l	100
85) sec-Butylbenzene	11.93	105	1038765	19.672	ug/l	100
86) p-Isopropyltoluene	12.05	119	979807	19.987	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	491967	18.824	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	500994	18.819	ug/l	98
89) n-Butylbenzene	12.37	91	899415	20.303	ug/l	100
90) Hexachloroethane	12.58	117	175638	18.408	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	486627	19.026	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	87486	16.504	ug/l	95

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93) 1,2,4-Trichlorobenzene	13.63	180	364708	18.027	ug/l	97
94) Hexachlorobutadiene	13.77	225	175058	18.174	ug/l	99
95) Naphthalene	13.82	128	1134827	18.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362207	18.595	ug/l	97

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

