

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014885.D
 Acq On : 10 Feb 2020 13:58
 Operator : JC/SP
 Sample : VX0210WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0210WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:36 AM

Quant Time: Feb 11 07:03:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	686958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	640707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	255080	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
35) Dibromofluoromethane	5.48	113	208740	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.71	98	809219	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	289540	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	90407	20.351	ug/l	100
3) Chloromethane	1.32	50	103239	20.498	ug/l	99
4) Vinyl Chloride	1.40	62	103683	19.110	ug/l	96
5) Bromomethane	1.64	94	65427	18.630	ug/l	99
6) Chloroethane	1.72	64	65426	18.846	ug/l	99
7) Trichlorofluoromethane	1.93	101	146923	19.382	ug/l	94
8) Diethyl Ether	2.18	74	58471	18.600	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82577	18.767	ug/l	98
10) Methyl Iodide	2.50	142	72846	17.921	ug/l	98
11) Tert butyl alcohol	3.01	59	93242	99.750	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83826	19.496	ug/l	95
13) Acrolein	2.28	56	61561	86.409	ug/l	99
14) Allyl chloride	2.72	41	137158	17.992	ug/l	98
15) Acrylonitrile	3.12	53	220011	92.844	ug/l	99
16) Acetone	2.43	43	240383	76.963	ug/l	99
17) Carbon Disulfide	2.56	76	226779	18.877	ug/l	100
18) Methyl Acetate	2.76	43	99570	18.674	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	267573	19.121	ug/l	100
20) Methylene Chloride	2.85	84	91023	17.873	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	89167	18.794	ug/l	97
22) Diisopropyl ether	3.84	45	273584	18.790	ug/l	96
23) Vinyl Acetate	3.80	43	1170713	97.539	ug/l	98
24) 1,1-Dichloroethane	3.69	63	153000	18.619	ug/l	100
25) 2-Butanone	4.65	43	323725	89.817	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130330	18.404	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	99252	18.714	ug/l	99
28) Bromochloromethane	5.00	49	62995	19.778	ug/l	100
29) Tetrahydrofuran	5.11	42	195004	95.175	ug/l	99
30) Chloroform	5.20	83	153897	18.876	ug/l	97
31) Cyclohexane	5.57	56	140139	18.724	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	134075	18.800	ug/l	99
36) 1,1-Dichloropropene	5.79	75	116796	19.007	ug/l	97
37) Ethyl Acetate	4.81	43	118224	18.446	ug/l	99
38) Carbon Tetrachloride	5.77	117	114510	19.121	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	147054	19.135	ug/l	98
40) Benzene	6.13	78	352062	19.175	ug/l	100
41) Methacrylonitrile	5.03	41	65273	18.905	ug/l	96
42) 1,2-Dichloroethane	6.18	62	125718	18.945	ug/l	98
43) Isopropyl Acetate	6.43	43	201376	19.047	ug/l	100
44) Trichloroethene	7.20	130	101803	19.100	ug/l	99
45) 1,2-Dichloropropane	7.50	63	89058	19.019	ug/l	99
46) Dibromomethane	7.65	93	61029	19.067	ug/l	98
47) Bromodichloromethane	7.89	83	118189	18.623	ug/l	95
48) Methyl methacrylate	7.76	41	98649	18.959	ug/l	99
49) 1,4-Dioxane	7.73	88	41009	421.539	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	616188	96.519	ug/l	100
52) Toluene	8.78	92	225900	19.372	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	130534	18.768	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	144045	18.747	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	90952	19.278	ug/l	99
56) Ethyl methacrylate	9.17	69	135523	19.111	ug/l	99
57) 1,3-Dichloropropane	9.36	76	150735	18.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	342392	92.320	ug/l	100
59) 2-Hexanone	9.48	43	482609	96.176	ug/l	99
60) Dibromochloromethane	9.57	129	95910	18.890	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96399	18.937	ug/l	99
64) Tetrachloroethene	9.33	164	110300	18.413	ug/l	99
65) Chlorobenzene	10.13	112	247406	19.038	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	89401	18.950	ug/l	99
67) Ethyl Benzene	10.25	91	428111	19.371	ug/l	98
68) m/p-Xylenes	10.36	106	328669	38.603	ug/l	98
69) o-Xylene	10.69	106	156428	19.113	ug/l	100
70) Styrene	10.71	104	265135	19.149	ug/l	99
71) Bromoform	10.85	173	73296	18.613	ug/l #	100
73) Isopropylbenzene	11.01	105	420844	19.835	ug/l	100
74) N-amyl acetate	10.89	43	169953	19.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	131684	18.986	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	111878m	18.286	ug/l	
77) Bromobenzene	11.25	156	112676	19.027	ug/l	97
78) n-propylbenzene	11.35	91	480074	19.563	ug/l	100
79) 2-Chlorotoluene	11.42	91	280292	19.428	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	350932	19.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	42689	17.860	ug/l	93
82) 4-Chlorotoluene	11.50	91	326848	19.131	ug/l	100
83) tert-Butylbenzene	11.76	119	332383	19.799	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	356515	19.955	ug/l	98
85) sec-Butylbenzene	11.94	105	408289	19.577	ug/l	100
86) p-Isopropyltoluene	12.06	119	380446	19.494	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	200286	18.852	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199519	18.390	ug/l	98
89) n-Butylbenzene	12.38	91	330705	18.920	ug/l	99
90) Hexachloroethane	12.59	117	63499	18.631	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	192824	18.508	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28546	17.543	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	138936	18.067	ug/l	100
94) Hexachlorobutadiene	13.78	225	68119	18.314	ug/l	97
95) Naphthalene	13.83	128	390077	19.078	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	139152	18.729	ug/l	99

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

