

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
 Data File : VX014676.D
 Acq On : 21 Jan 2020 11:16
 Operator : JC/SP
 Sample : VX0121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 12:26:48 PM

Quant Time: Jan 22 04:41:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	634528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	580664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	243627	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	5.48	113	198552	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.71	98	752563	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	271226	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94571	18.032	ug/l	99
3) Chloromethane	1.32	50	100665	18.527	ug/l	99
4) Vinyl Chloride	1.40	62	110458	18.244	ug/l	96
5) Bromomethane	1.63	94	67366	16.785	ug/l	98
6) Chloroethane	1.72	64	62901	18.247	ug/l	99
7) Trichlorofluoromethane	1.92	101	127376	18.546	ug/l	99
8) Diethyl Ether	2.18	74	58700	18.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77665	18.587	ug/l	97
10) Methyl Iodide	2.50	142	93378	18.663	ug/l	99
11) Tert butyl alcohol	3.02	59	101773	102.432	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75466	17.926	ug/l	97
13) Acrolein	2.28	56	51717	64.941	ug/l	96
14) Allyl chloride	2.72	41	137892	18.656	ug/l	98
15) Acrylonitrile	3.12	53	241015	100.507	ug/l	99
16) Acetone	2.43	43	249781	102.220	ug/l	99
17) Carbon Disulfide	2.56	76	182943	15.574	ug/l	98
18) Methyl Acetate	2.76	43	150144	21.953	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	264465	19.569	ug/l	98
20) Methylene Chloride	2.85	84	91923	19.203	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	79257	17.245	ug/l	99
22) Diisopropyl ether	3.84	45	294022	20.584	ug/l	94
23) Vinyl Acetate	3.80	43	1105076	99.927	ug/l	99
24) 1,1-Dichloroethane	3.69	63	153468	19.750	ug/l	99
25) 2-Butanone	4.65	43	357580	100.600	ug/l	99
26) 2,2-Dichloropropane	4.58	77	121069	18.393	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	93702	18.237	ug/l	97
28) Bromochloromethane	5.00	49	63442	19.376	ug/l	96
29) Tetrahydrofuran	5.11	42	215281	102.439	ug/l	97
30) Chloroform	5.19	83	148296	19.531	ug/l	97
31) Cyclohexane	5.57	56	133840	18.402	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	123811	19.049	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110408	18.503	ug/l	98
37) Ethyl Acetate	4.81	43	129404	19.965	ug/l	98
38) Carbon Tetrachloride	5.78	117	104159	18.968	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	134201	17.901	ug/l	97
40) Benzene	6.13	78	341665	19.292	ug/l	98
41) Methacrylonitrile	5.02	41	71748	20.758	ug/l	98
42) 1,2-Dichloroethane	6.17	62	122685	19.813	ug/l	100
43) Isopropyl Acetate	6.43	43	209096	19.970	ug/l	98
44) Trichloroethene	7.20	130	94715	18.610	ug/l	100
45) 1,2-Dichloropropane	7.50	63	91312	20.223	ug/l	97
46) Dibromomethane	7.65	93	59142	18.766	ug/l	99
47) Bromodichloromethane	7.89	83	115487	20.139	ug/l	95
48) Methyl methacrylate	7.76	41	101254	20.191	ug/l	97
49) 1,4-Dioxane	7.73	88	43583	410.159	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	668767	104.815	ug/l	98
52) Toluene	8.78	92	212772	18.768	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	123283	18.466	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139592	19.356	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90805	19.941	ug/l	97
56) Ethyl methacrylate	9.17	69	136069	19.504	ug/l	99
57) 1,3-Dichloropropane	9.36	76	155258	20.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	231440	97.504	ug/l	99
59) 2-Hexanone	9.48	43	522723	103.541	ug/l	98
60) Dibromochloromethane	9.57	129	91026	19.888	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94218	19.532	ug/l	100
64) Tetrachloroethene	9.33	164	104854	18.018	ug/l	98
65) Chlorobenzene	10.13	112	232816	18.476	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	85204	18.947	ug/l	98
67) Ethyl Benzene	10.25	91	398985	18.576	ug/l	99
68) m/p-Xylenes	10.36	106	306485	36.987	ug/l	98
69) o-Xylene	10.70	106	146889	18.579	ug/l	100
70) Styrene	10.71	104	252253	18.488	ug/l	99
71) Bromoform	10.85	173	67726	18.407	ug/l #	100
73) Isopropylbenzene	11.01	105	397339	19.210	ug/l	99
74) N-amyl acetate	10.89	43	172155	18.865	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	135577	20.439	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	116140m	19.057	ug/l	
77) Bromobenzene	11.25	156	103595	18.060	ug/l	98
78) n-propylbenzene	11.35	91	455739	19.239	ug/l	99
79) 2-Chlorotoluene	11.42	91	271200	19.210	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	326439	19.009	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41443	17.979	ug/l	91
82) 4-Chlorotoluene	11.51	91	306033	18.467	ug/l	98
83) tert-Butylbenzene	11.76	119	304421	18.762	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	333807	19.237	ug/l	100
85) sec-Butylbenzene	11.94	105	380699	18.874	ug/l	99
86) p-Isopropyltoluene	12.06	119	351356	18.771	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184086	17.882	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188005	19.077	ug/l	98
89) n-Butylbenzene	12.39	91	296287	17.312	ug/l	98
90) Hexachloroethane	12.59	117	60726	18.470	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	186816	18.523	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27860	18.672	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122260	17.198	ug/l	99
94) Hexachlorobutadiene	13.78	225	61746	18.663	ug/l	96
95) Naphthalene	13.83	128	364872	16.607	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123558	17.611	ug/l	98

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

