

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016251.D
 Acq On : 14 May 2020 23:56
 Operator : JC/SP
 Sample : VX0514WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 10:10:39 AM

Quant Time: May 15 04:59:19 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	5.64	168	258728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419162	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196740	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	158596	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	5.46	113	125405	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	
50) Toluene-d8	8.70	98	491981	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.12	95	185319	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	51383	18.763	ug/l	97
3) Chloromethane	1.31	50	56157	17.657	ug/l	97
4) Vinyl Chloride	1.39	62	61420	18.101	ug/l	99
5) Bromomethane	1.62	94	37281	21.794	ug/l	100
6) Chloroethane	1.71	64	37544	18.185	ug/l	98
7) Trichlorofluoromethane	1.92	101	80627	18.099	ug/l	98
8) Diethyl Ether	2.17	74	34166	18.203	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45398	17.664	ug/l	98
10) Methyl Iodide	2.49	142	46858	13.573	ug/l	99
11) Tert butyl alcohol	3.01	59	77561	90.089	ug/l	99
12) 1,1-Dichloroethene	2.36	96	47684	17.730	ug/l	97
13) Acrolein	2.27	56	42131	78.202	ug/l	99
14) Allyl chloride	2.71	41	85850	17.409	ug/l	94
15) Acrylonitrile	3.12	53	170658	95.553	ug/l	99
16) Acetone	2.42	43	135131	88.955	ug/l	95
17) Carbon Disulfide	2.55	76	137685	16.910	ug/l	100
18) Methyl Acetate	2.75	43	74627	19.980	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	178143	19.214	ug/l	99
20) Methylene Chloride	2.84	84	57555	18.379	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	52903	17.651	ug/l	97
22) Diisopropyl ether	3.82	45	174495	18.756	ug/l	98
23) Vinyl Acetate	3.79	43	749879	91.618	ug/l	100
24) 1,1-Dichloroethane	3.67	63	99893	19.195	ug/l	98
25) 2-Butanone	4.64	43	232891	95.140	ug/l	99
26) 2,2-Dichloropropane	4.56	77	70179	14.766	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	62931	19.206	ug/l	95
28) Bromochloromethane	4.98	49	44017	18.549	ug/l	97
29) Tetrahydrofuran	5.09	42	153450	94.607	ug/l	98
30) Chloroform	5.18	83	99783	19.257	ug/l	99
31) Cyclohexane	5.55	56	85036	17.979	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	89010	18.898	ug/l	98
36) 1,1-Dichloropropene	5.77	75	73694	17.861	ug/l	99
37) Ethyl Acetate	4.80	43	87807	18.361	ug/l	98
38) Carbon Tetrachloride	5.76	117	77888	18.572	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80409	16.182	ug/l	98
40) Benzene	6.12	78	228446	18.923	ug/l	100
41) Methacrylonitrile	5.01	41	47002	18.199	ug/l	97
42) 1,2-Dichloroethane	6.17	62	80016	18.399	ug/l	99
43) Isopropyl Acetate	6.42	43	138619	18.167	ug/l	98
44) Trichloroethene	7.19	130	73401	17.114	ug/l	96
45) 1,2-Dichloropropane	7.49	63	58829	19.258	ug/l	100
46) Dibromomethane	7.64	93	38677	18.631	ug/l	100
47) Bromodichloromethane	7.88	83	80579	19.058	ug/l	100
48) Methyl methacrylate	7.74	41	64863	17.940	ug/l	95
49) 1,4-Dioxane	7.71	88	30741	354.514	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	442650	94.801	ug/l	98
52) Toluene	8.77	92	143965	19.131	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90232	17.899	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	96277	18.285	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	57909	19.560	ug/l	99
56) Ethyl methacrylate	9.16	69	92222	19.083	ug/l	95
57) 1,3-Dichloropropane	9.35	76	99603	19.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	228940	88.984	ug/l	100
59) 2-Hexanone	9.48	43	343826	93.766	ug/l	98
60) Dibromochloromethane	9.57	129	63348	19.428	ug/l	99
61) 1,2-Dibromoethane	9.65	107	62248	19.411	ug/l	100
64) Tetrachloroethene	9.32	164	86674	17.948	ug/l	97
65) Chlorobenzene	10.12	112	154228	18.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	57699	18.952	ug/l	99
67) Ethyl Benzene	10.24	91	269985	18.370	ug/l	99
68) m/p-Xylenes	10.34	106	203912	37.032	ug/l	98
69) o-Xylene	10.68	106	98653	18.639	ug/l	99
70) Styrene	10.70	104	168705	18.788	ug/l	99
71) Bromoform	10.84	173	47870	19.299	ug/l #	99
73) Isopropylbenzene	11.01	105	261440	18.270	ug/l	100
74) N-amyl acetate	10.88	43	115625	17.323	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	60824	23.890	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	83384m	18.677	ug/l	
77) Bromobenzene	11.24	156	66947	18.125	ug/l	99
78) n-propylbenzene	11.34	91	295781	17.768	ug/l	99
79) 2-Chlorotoluene	11.40	91	180360	18.355	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	218000	18.043	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	30812	16.447	ug/l	99
82) 4-Chlorotoluene	11.49	91	211559	18.232	ug/l	100
83) tert-Butylbenzene	11.76	119	188267	18.081	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	219686	17.985	ug/l	100
85) sec-Butylbenzene	11.93	105	243944	17.352	ug/l	100
86) p-Isopropyltoluene	12.05	119	224195	17.176	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	121117	18.263	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	121842	18.101	ug/l	98
89) n-Butylbenzene	12.37	91	188665	15.822	ug/l	99
90) Hexachloroethane	12.58	117	37451	16.707	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	118707	18.589	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21163	17.986	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81117	17.157	ug/l	99
94) Hexachlorobutadiene	13.77	225	29080	14.658	ug/l	97
95) Naphthalene	13.82	128	278105	18.166	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	79778	17.266	ug/l	99

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

