

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016168.D
 Acq On : 13 May 2020 10:57
 Operator : JC/SP
 Sample : VX0513WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/14/2020 12:15:54 PM

Quant Time: May 14 06:27:19 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	5.63	168	308086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	483164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	446336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192215	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.46	113	150526	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.70	98	604356	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.12	95	222570	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	61737	18.932	ug/l	100
3) Chloromethane	1.32	50	69156	18.261	ug/l	99
4) Vinyl Chloride	1.39	62	72311	17.897	ug/l	98
5) Bromomethane	1.63	94	44771	21.979	ug/l	95
6) Chloroethane	1.72	64	44848	18.243	ug/l	99
7) Trichlorofluoromethane	1.92	101	96100	18.117	ug/l	100
8) Diethyl Ether	2.17	74	39998	17.896	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56415	18.434	ug/l	98
10) Methyl Iodide	2.50	142	60616	14.746	ug/l	99
11) Tert butyl alcohol	3.01	59	83552	81.500	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55940	17.467	ug/l	94
13) Acrolein	2.27	56	39496	61.566	ug/l	97
14) Allyl chloride	2.71	41	105093	17.897	ug/l	97
15) Acrylonitrile	3.11	53	185751	87.341	ug/l	99
16) Acetone	2.42	43	144532	79.900	ug/l	98
17) Carbon Disulfide	2.55	76	168938	17.431	ug/l	99
18) Methyl Acetate	2.75	43	82438	18.535	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	209094	18.939	ug/l	100
20) Methylene Chloride	2.84	84	66896	17.939	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	63273	17.729	ug/l	99
22) Diisopropyl ether	3.82	45	206859	18.673	ug/l	93
23) Vinyl Acetate	3.78	43	888901	91.204	ug/l	99
24) 1,1-Dichloroethane	3.67	63	117365	18.939	ug/l	99
25) 2-Butanone	4.63	43	253673	87.027	ug/l	100
26) 2,2-Dichloropropane	4.56	77	106554	18.828	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	73705	18.891	ug/l	98
28) Bromochloromethane	4.98	49	52445	18.560	ug/l	99
29) Tetrahydrofuran	5.09	42	168703	87.348	ug/l	99
30) Chloroform	5.18	83	115320	18.690	ug/l	98
31) Cyclohexane	5.54	56	103578	18.391	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	104517	18.635	ug/l	98
36) 1,1-Dichloropropene	5.77	75	87742	18.448	ug/l	99
37) Ethyl Acetate	4.79	43	99907	18.124	ug/l	99
38) Carbon Tetrachloride	5.75	117	91991	19.029	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	103779	18.119	ug/l	99
40) Benzene	6.11	78	268802	19.316	ug/l	99
41) Methacrylonitrile	5.00	41	52868	17.759	ug/l	97
42) 1,2-Dichloroethane	6.16	62	93853	18.722	ug/l	99
43) Isopropyl Acetate	6.41	43	162136	18.434	ug/l	99
44) Trichloroethene	7.19	130	96936	19.607	ug/l	99
45) 1,2-Dichloropropane	7.49	63	69525	19.745	ug/l	97
46) Dibromomethane	7.63	93	45423	18.982	ug/l	100
47) Bromodichloromethane	7.88	83	93379	19.160	ug/l	97
48) Methyl methacrylate	7.74	41	74456	17.865	ug/l	96
49) 1,4-Dioxane	7.71	88	33149	331.645	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	501210	93.124	ug/l	99
52) Toluene	8.76	92	169149	19.501	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	108652	18.698	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	116420	19.181	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	66099	19.369	ug/l	99
56) Ethyl methacrylate	9.16	69	105917	19.014	ug/l	96
57) 1,3-Dichloropropane	9.35	76	115928	19.468	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	272708	91.956	ug/l	100
59) 2-Hexanone	9.47	43	382899	90.589	ug/l	99
60) Dibromochloromethane	9.57	129	73867	19.653	ug/l	100
61) 1,2-Dibromoethane	9.65	107	70291	19.015	ug/l	99
64) Tetrachloroethene	9.32	164	108234	19.753	ug/l	98
65) Chlorobenzene	10.12	112	178556	19.106	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	67096	19.424	ug/l	100
67) Ethyl Benzene	10.23	91	321415	19.275	ug/l	97
68) m/p-Xylenes	10.34	106	241805	38.704	ug/l	100
69) o-Xylene	10.68	106	116005	19.317	ug/l	99
70) Styrene	10.70	104	193341	18.977	ug/l	99
71) Bromoform	10.84	173	53388	18.970	ug/l	99
73) Isopropylbenzene	11.00	105	310732	19.527	ug/l	99
74) N-amyl acetate	10.88	43	137284	18.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	49326	18.159	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	95787m	19.294	ug/l	
77) Bromobenzene	11.24	156	76813	18.701	ug/l	99
78) n-propylbenzene	11.34	91	355153	19.185	ug/l	100
79) 2-Chlorotoluene	11.40	91	212467	19.444	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	259539	19.317	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	38949	18.696	ug/l	95
82) 4-Chlorotoluene	11.49	91	249151	19.308	ug/l	99
83) tert-Butylbenzene	11.76	119	218759	18.893	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	261972	19.286	ug/l	100
85) sec-Butylbenzene	11.93	105	291136	18.622	ug/l	100
86) p-Isopropyltoluene	12.05	119	273559	18.847	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138698	18.806	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	141682	18.928	ug/l	99
89) n-Butylbenzene	12.37	91	235915	17.791	ug/l	100
90) Hexachloroethane	12.58	117	46664	18.719	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	135930	19.141	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22875	17.482	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	95307	18.127	ug/l	98
94) Hexachlorobutadiene	13.77	225	38848	17.503	ug/l	99
95) Naphthalene	13.82	128	313711	18.427	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	94992	18.487	ug/l	97

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

