

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050620\
 Data File : VX016075.D
 Acq On : 06 May 2020 11:50
 Operator : JC/SP
 Sample : VX0506WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0506WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:54:42 AM

Quant Time: May 07 07:23:05 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	312548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	480400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190247	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	146625	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.70	98	580674	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.12	95	219725	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59985	18.132	ug/l	97
3) Chloromethane	1.31	50	67742	17.632	ug/l	100
4) Vinyl Chloride	1.39	62	71638	17.477	ug/l	99
5) Bromomethane	1.63	94	45872	22.198	ug/l	98
6) Chloroethane	1.71	64	44004	17.644	ug/l	98
7) Trichlorofluoromethane	1.92	101	95247	17.699	ug/l	99
8) Diethyl Ether	2.17	74	39217	17.296	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	57037	18.371	ug/l	97
10) Methyl Iodide	2.49	142	68362	16.392	ug/l	99
11) Tert butyl alcohol	3.01	59	86627	83.293	ug/l	99
12) 1,1-Dichloroethene	2.35	96	57761	17.778	ug/l	96
13) Acrolein	2.27	56	44871	68.946	ug/l	100
14) Allyl chloride	2.71	41	104431	17.530	ug/l	99
15) Acrylonitrile	3.11	53	182913	84.779	ug/l	99
16) Acetone	2.42	43	153716	83.764	ug/l	98
17) Carbon Disulfide	2.55	76	173643	17.663	ug/l	99
18) Methyl Acetate	2.75	43	77172	17.103	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	199652	17.826	ug/l	98
20) Methylene Chloride	2.83	84	64380	17.018	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	62202	17.180	ug/l	99
22) Diisopropyl ether	3.82	45	199056	17.712	ug/l	93
23) Vinyl Acetate	3.78	43	879192	88.920	ug/l	99
24) 1,1-Dichloroethane	3.67	63	112838	17.948	ug/l	99
25) 2-Butanone	4.63	43	250535	84.724	ug/l	100
26) 2,2-Dichloropropane	4.55	77	101989	17.764	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	69027	17.439	ug/l	99
28) Bromochloromethane	4.98	49	51342	17.910	ug/l	100
29) Tetrahydrofuran	5.09	42	165191	84.308	ug/l	99
30) Chloroform	5.17	83	111508	17.814	ug/l	97
31) Cyclohexane	5.55	56	103903	18.185	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	101247	17.794	ug/l	99
36) 1,1-Dichloropropene	5.77	75	87129	18.425	ug/l	99
37) Ethyl Acetate	4.79	43	97956	17.872	ug/l	100
38) Carbon Tetrachloride	5.75	117	89324	18.584	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	107516	18.880	ug/l	99
40) Benzene	6.11	78	257362	18.600	ug/l	99
41) Methacrylonitrile	5.00	41	53500	18.075	ug/l	99
42) 1,2-Dichloroethane	6.16	62	90627	18.182	ug/l	100
43) Isopropyl Acetate	6.41	43	157337	17.992	ug/l	100
44) Trichloroethene	7.19	130	90691	18.450	ug/l	97
45) 1,2-Dichloropropane	7.49	63	65336	18.662	ug/l	99
46) Dibromomethane	7.64	93	43408	18.244	ug/l	100
47) Bromodichloromethane	7.88	83	90152	18.605	ug/l	99
48) Methyl methacrylate	7.74	41	73830	17.817	ug/l	100
49) 1,4-Dioxane	7.71	88	34583	347.982	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	483392	90.330	ug/l	100
52) Toluene	8.77	92	161020	18.670	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	103195	17.861	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	110678	18.340	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63058	18.584	ug/l	99
56) Ethyl methacrylate	9.16	69	101329	18.295	ug/l	98
57) 1,3-Dichloropropane	9.35	76	110071	18.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	263173	89.251	ug/l	100
59) 2-Hexanone	9.47	43	371056	88.292	ug/l	100
60) Dibromochloromethane	9.57	129	67798	18.142	ug/l	100
61) 1,2-Dibromoethane	9.65	107	66824	18.181	ug/l	99
64) Tetrachloroethene	9.32	164	101856	18.559	ug/l	96
65) Chlorobenzene	10.12	112	171348	18.305	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	63691	18.408	ug/l	98
67) Ethyl Benzene	10.24	91	305047	18.264	ug/l	100
68) m/p-Xylenes	10.34	106	232061	37.084	ug/l	100
69) o-Xylene	10.68	106	111117	18.473	ug/l	99
70) Styrene	10.69	104	185274	18.156	ug/l	99
71) Bromoform	10.84	173	49347	17.506	ug/l #	99
73) Isopropylbenzene	11.00	105	299379	18.135	ug/l	100
74) N-amyl acetate	10.88	43	132714	17.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	49033	17.507	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	89848m	17.445	ug/l	
77) Bromobenzene	11.24	156	73744	17.307	ug/l	99
78) n-propylbenzene	11.35	91	346090	18.021	ug/l	100
79) 2-Chlorotoluene	11.41	91	203081	17.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	247525	17.759	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	36617	16.943	ug/l	98
82) 4-Chlorotoluene	11.49	91	236044	17.633	ug/l	100
83) tert-Butylbenzene	11.76	119	215440	17.936	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	250692	17.790	ug/l	100
85) sec-Butylbenzene	11.93	105	289848	17.872	ug/l	100
86) p-Isopropyltoluene	12.05	119	269394	17.891	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	133982	17.512	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	134825	17.363	ug/l	99
89) n-Butylbenzene	12.37	91	238504	17.338	ug/l	100
90) Hexachloroethane	12.58	117	46027	17.798	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	132439	17.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21295	15.688	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	93849	17.207	ug/l	97
94) Hexachlorobutadiene	13.77	225	43203	18.726	ug/l	99
95) Naphthalene	13.82	128	299383	16.952	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	92115	17.281	ug/l	99

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

