

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
 Data File : VX017646.D
 Acq On : 28 Jul 2020 12:20
 Operator : JC/SP
 Sample : VX0728WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 10:49:33 AM

Quant Time: Jul 29 03:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	626448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	913165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	854272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	458808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	377882	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.46	113	288744	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.70	98	1052380	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.12	95	409219	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108675	18.048	ug/l	100
3) Chloromethane	1.31	50	121187	15.902	ug/l	97
4) Vinyl Chloride	1.39	62	117961	14.964	ug/l	97
5) Bromomethane	1.63	94	82564	17.507	ug/l	94
6) Chloroethane	1.72	64	70030	15.585	ug/l	99
7) Trichlorofluoromethane	1.92	101	202314	16.317	ug/l	95
8) Diethyl Ether	2.17	74	63833	14.924	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	107039	15.731	ug/l	98
10) Methyl Iodide	2.49	142	125513	14.418	ug/l	98
11) Tert butyl alcohol	3.01	59	121728	71.775	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99904	15.440	ug/l	93
13) Acrolein	2.27	56	117264	93.207	ug/l	96
14) Allyl chloride	2.70	41	189096	16.005	ug/l	99
15) Acrylonitrile	3.11	53	296333	80.897	ug/l	99
16) Acetone	2.42	43	254814	71.945	ug/l	97
17) Carbon Disulfide	2.55	76	300555	15.282	ug/l	99
18) Methyl Acetate	2.75	43	132532	15.889	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	358046	15.987	ug/l	96
20) Methylene Chloride	2.83	84	119160	17.017	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	113661	16.397	ug/l	95
22) Diisopropyl ether	3.82	45	370506	17.150	ug/l	91
23) Vinyl Acetate	3.78	43	1626713	84.452	ug/l	98
24) 1,1-Dichloroethane	3.67	63	213384	17.147	ug/l	98
25) 2-Butanone	4.63	43	404868	80.467	ug/l	97
26) 2,2-Dichloropropane	4.54	77	199129	17.876	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	127425	16.925	ug/l	98
28) Bromochloromethane	4.98	49	103174	18.295	ug/l	96
29) Tetrahydrofuran	5.09	42	256896	82.428	ug/l	100
30) Chloroform	5.17	83	219290	17.245	ug/l	95
31) Cyclohexane	5.54	56	173248	17.457	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	209042	17.434	ug/l	99
36) 1,1-Dichloropropene	5.77	75	164908	18.829	ug/l	99
37) Ethyl Acetate	4.79	43	162883	16.998	ug/l	98
38) Carbon Tetrachloride	5.75	117	191744	18.029	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	179559	17.563	ug/l	98
40) Benzene	6.11	78	461396	18.376	ug/l	98
41) Methacrylonitrile	5.00	41	89355	16.268	ug/l	97
42) 1,2-Dichloroethane	6.16	62	187738	18.276	ug/l	98
43) Isopropyl Acetate	6.41	43	270785	17.127	ug/l	100
44) Trichloroethene	7.18	130	135237	18.430	ug/l	86
45) 1,2-Dichloropropane	7.49	63	118006	16.953	ug/l	97
46) Dibromomethane	7.63	93	83457	16.966	ug/l	97
47) Bromodichloromethane	7.87	83	178974	18.082	ug/l	98
48) Methyl methacrylate	7.74	41	129094	16.472	ug/l	95
49) 1,4-Dioxane	7.71	88	49542	329.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	831173	88.106	ug/l	98
52) Toluene	8.76	92	294068	18.262	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	198544	17.919	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	202925	17.956	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	121845	18.164	ug/l	98
56) Ethyl methacrylate	9.16	69	173788	17.196	ug/l	99
57) 1,3-Dichloropropane	9.35	76	201748	18.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	451725	84.840	ug/l	99
59) 2-Hexanone	9.47	43	615670	86.683	ug/l	100
60) Dibromochloromethane	9.57	129	148362	17.401	ug/l	97
61) 1,2-Dibromoethane	9.65	107	132410	18.540	ug/l	100
64) Tetrachloroethene	9.32	164	142556	18.593	ug/l	96
65) Chlorobenzene	10.12	112	330015	17.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	128570	17.228	ug/l	96
67) Ethyl Benzene	10.23	91	563502	18.256	ug/l	96
68) m/p-Xylenes	10.34	106	429894	35.952	ug/l	96
69) o-Xylene	10.68	106	202923	17.645	ug/l	99
70) Styrene	10.70	104	354759	18.130	ug/l	98
71) Bromoform	10.84	173	110352	17.068	ug/l #	97
73) Isopropylbenzene	11.00	105	566948	18.013	ug/l	98
74) N-amyl acetate	10.88	43	235400	16.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	165541	16.850	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	170899m	18.108	ug/l	
77) Bromobenzene	11.24	156	154784	17.566	ug/l	99
78) n-propylbenzene	11.34	91	637964	17.971	ug/l	100
79) 2-Chlorotoluene	11.40	91	391158	17.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	486682	18.110	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	61180	16.334	ug/l	94
82) 4-Chlorotoluene	11.49	91	464935	17.924	ug/l	99
83) tert-Butylbenzene	11.76	119	458268	17.821	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	492051	18.409	ug/l	99
85) sec-Butylbenzene	11.93	105	557772	18.620	ug/l	99
86) p-Isopropyltoluene	12.05	119	528501	18.527	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	276928	18.301	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	280329	17.886	ug/l	100
89) n-Butylbenzene	12.37	91	445629	17.531	ug/l	99
90) Hexachloroethane	12.58	117	96434	17.147	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	260821	17.538	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41399	16.709	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	180944	17.827	ug/l	100
94) Hexachlorobutadiene	13.77	225	78706	16.846	ug/l	98
95) Naphthalene	13.82	128	532089	17.561	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	182322	18.193	ug/l	99

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

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