

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072020\
 Data File : VX017432.D
 Acq On : 20 Jul 2020 11:43
 Operator : JC/SP
 Sample : VX0720WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS01

Quant Time: Jul 21 02:18:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	298668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	428046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232550	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189492	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	5.46	113	156459	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.70	98	566311	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.12	95	221490	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	52589	20.809	ug/l	99
3) Chloromethane	1.31	50	55283	19.430	ug/l	96
4) Vinyl Chloride	1.39	62	56176	19.958	ug/l	97
5) Bromomethane	1.63	94	35111	19.162	ug/l	94
6) Chloroethane	1.72	64	34762	19.566	ug/l	97
7) Trichlorofluoromethane	1.92	101	93747	19.733	ug/l	99
8) Diethyl Ether	2.17	74	31060	18.496	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50897	18.807	ug/l	98
10) Methyl Iodide	2.49	142	58063	17.794	ug/l	99
11) Tert butyl alcohol	3.01	59	60606	95.962	ug/l	99
12) 1,1-Dichloroethene	2.36	96	49215	18.107	ug/l	96
13) Acrolein	2.27	56	6152	17.770	ug/l #	82
14) Allyl chloride	2.70	41	95344	20.245	ug/l	96
15) Acrylonitrile	3.11	53	147342	96.239	ug/l	100
16) Acetone	2.42	43	122862	91.872	ug/l	100
17) Carbon Disulfide	2.55	76	152000	19.171	ug/l	99
18) Methyl Acetate	2.75	43	64484	19.523	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	182322	19.756	ug/l	99
20) Methylene Chloride	2.83	84	62760	19.235	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	59283	19.064	ug/l	98
22) Diisopropyl ether	3.82	45	188127	20.970	ug/l	93
23) Vinyl Acetate	3.78	43	803484	101.839	ug/l	99
24) 1,1-Dichloroethane	3.67	63	105974	20.100	ug/l	97
25) 2-Butanone	4.63	43	199901	94.113	ug/l	96
26) 2,2-Dichloropropane	4.54	77	96299	19.626	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	66025	19.361	ug/l	98
28) Bromochloromethane	4.98	49	49786	20.441	ug/l	95
29) Tetrahydrofuran	5.09	42	130508	94.919	ug/l	97
30) Chloroform	5.18	83	110583	19.495	ug/l	94
31) Cyclohexane	5.55	56	86558	20.055	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	103485	19.735	ug/l	100
36) 1,1-Dichloropropene	5.76	75	79902	19.334	ug/l	99
37) Ethyl Acetate	4.79	43	78654	18.403	ug/l	98
38) Carbon Tetrachloride	5.75	117	92061	19.026	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	86924	19.368	ug/l	99
40) Benzene	6.11	78	236977	19.952	ug/l	99
41) Methacrylonitrile	5.00	41	44559	19.420	ug/l	98
42) 1,2-Dichloroethane	6.16	62	87982	19.066	ug/l	99
43) Isopropyl Acetate	6.41	43	130111	19.051	ug/l	100
44) Trichloroethene	7.18	130	66918	18.445	ug/l	88
45) 1,2-Dichloropropane	7.49	63	60473	19.898	ug/l	99
46) Dibromomethane	7.63	93	42229	19.267	ug/l	96
47) Bromodichloromethane	7.87	83	88959	19.413	ug/l	99
48) Methyl methacrylate	7.74	41	61621	18.802	ug/l	99
49) 1,4-Dioxane	7.71	88	26542	395.749	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	401757	96.477	ug/l	99
52) Toluene	8.76	92	152455	20.002	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	95612	19.368	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	102766	19.518	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	62042	19.521	ug/l	98
56) Ethyl methacrylate	9.16	69	84145	18.648	ug/l	99
57) 1,3-Dichloropropane	9.35	76	104036	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	230440	100.579	ug/l	99
59) 2-Hexanone	9.47	43	300234	95.524	ug/l	98
60) Dibromochloromethane	9.57	129	73821	19.012	ug/l	99
61) 1,2-Dibromoethane	9.65	107	65900	19.060	ug/l	100
64) Tetrachloroethene	9.32	164	64752	17.478	ug/l	96
65) Chlorobenzene	10.12	112	169089	19.438	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	65449	18.898	ug/l	97
67) Ethyl Benzene	10.23	91	282436	19.504	ug/l	99
68) m/p-Xylenes	10.34	106	219187	39.781	ug/l	99
69) o-Xylene	10.68	106	102581	19.484	ug/l	99
70) Styrene	10.70	104	178744	19.778	ug/l	99
71) Bromoform	10.84	173	55660	19.046	ug/l #	99
73) Isopropylbenzene	11.00	105	283058	19.417	ug/l	99
74) N-amyl acetate	10.88	43	113760	19.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	90058	20.347	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	85324m	19.856	ug/l	
77) Bromobenzene	11.24	156	75483	18.180	ug/l	92
78) n-propylbenzene	11.34	91	326543	19.945	ug/l	99
79) 2-Chlorotoluene	11.40	91	197594	19.585	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	241202	19.492	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	31078	18.347	ug/l	98
82) 4-Chlorotoluene	11.49	91	234736	19.632	ug/l	98
83) tert-Butylbenzene	11.76	119	236917	19.805	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	247735	19.816	ug/l	100
85) sec-Butylbenzene	11.93	105	273897	19.557	ug/l	99
86) p-Isopropyltoluene	12.05	119	256891	19.386	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	136562	18.386	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	142533	18.994	ug/l	98
89) n-Butylbenzene	12.37	91	219023	19.380	ug/l	99
90) Hexachloroethane	12.58	117	48969	19.465	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	129850	18.603	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19134	16.383	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	84927	17.528	ug/l	100
94) Hexachlorobutadiene	13.77	225	35395	17.913	ug/l	99
95) Naphthalene	13.82	128	257520	18.077	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	84170	17.984	ug/l	100

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

