

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017062.D
 Acq On : 30 Jun 2020 22:51
 Operator : JC/SP
 Sample : VX0630WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:48:53 AM

Quant Time: Jul 01 08:33:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	262232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	423491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165105	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
35) Dibromofluoromethane	5.47	113	134301	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.70	98	500652	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	192465	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47227	18.616	ug/l	95
3) Chloromethane	1.31	50	51639	16.816	ug/l	100
4) Vinyl Chloride	1.39	62	49475	17.365	ug/l	99
5) Bromomethane	1.63	94	32371	21.505	ug/l	97
6) Chloroethane	1.72	64	29418	17.482	ug/l	94
7) Trichlorofluoromethane	1.92	101	79130	18.779	ug/l	97
8) Diethyl Ether	2.17	74	28266	20.156	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46921	18.579	ug/l	99
10) Methyl Iodide	2.49	142	46340	14.220	ug/l	98
11) Tert butyl alcohol	3.01	59	56946	92.337	ug/l	99
12) 1,1-Dichloroethene	2.36	96	47760	18.409	ug/l	95
13) Acrolein	2.27	56	29927	81.177	ug/l	96
14) Allyl chloride	2.71	41	81873	17.076	ug/l	98
15) Acrylonitrile	3.11	53	136216	91.878	ug/l	99
16) Acetone	2.42	43	112790	93.264	ug/l	96
17) Carbon Disulfide	2.55	76	137836	19.053	ug/l	99
18) Methyl Acetate	2.75	43	59765	18.931	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	160558	18.439	ug/l	98
20) Methylene Chloride	2.84	84	55894	19.677	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	51907	18.029	ug/l	96
22) Diisopropyl ether	3.82	45	170286	19.189	ug/l	98
23) Vinyl Acetate	3.79	43	722344	94.726	ug/l	100
24) 1,1-Dichloroethane	3.67	63	95532	18.920	ug/l	98
25) 2-Butanone	4.64	43	184659	91.637	ug/l	99
26) 2,2-Dichloropropane	4.55	77	67015	14.947	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	58744	18.007	ug/l	100
28) Bromochloromethane	4.98	49	43370	17.651	ug/l	98
29) Tetrahydrofuran	5.09	42	122313	91.866	ug/l	99
30) Chloroform	5.18	83	96213	18.588	ug/l	100
31) Cyclohexane	5.55	56	78435	17.971	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	88884	18.646	ug/l	99
36) 1,1-Dichloropropene	5.77	75	70172	17.532	ug/l	98
37) Ethyl Acetate	4.79	43	73943	18.208	ug/l	98
38) Carbon Tetrachloride	5.76	117	79647	18.067	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	75771	17.015	ug/l	97
40) Benzene	6.12	78	213126	18.123	ug/l	100
41) Methacrylonitrile	5.00	41	40385	17.669	ug/l	98
42) 1,2-Dichloroethane	6.17	62	79640	18.748	ug/l	99
43) Isopropyl Acetate	6.41	43	118542	17.567	ug/l	99
44) Trichloroethene	7.19	130	60891	18.569	ug/l	88
45) 1,2-Dichloropropane	7.49	63	54650	18.093	ug/l	99
46) Dibromomethane	7.64	93	37578	18.223	ug/l	99
47) Bromodichloromethane	7.87	83	77465	18.228	ug/l	95
48) Methyl methacrylate	7.74	41	57542	17.948	ug/l	98
49) 1,4-Dioxane	7.71	88	25979	357.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	372196	92.527	ug/l	99
52) Toluene	8.76	92	133703	18.210	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	80228	17.110	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	88702	17.647	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	55129	18.377	ug/l	99
56) Ethyl methacrylate	9.16	69	76793	17.985	ug/l	99
57) 1,3-Dichloropropane	9.35	76	91062	17.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	203313	95.676	ug/l	100
59) 2-Hexanone	9.47	43	275333	93.720	ug/l	99
60) Dibromochloromethane	9.57	129	64720	18.575	ug/l	98
61) 1,2-Dibromoethane	9.65	107	59200	18.359	ug/l	98
64) Tetrachloroethene	9.32	164	58922	18.187	ug/l	98
65) Chlorobenzene	10.12	112	148349	17.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	56796	17.787	ug/l	98
67) Ethyl Benzene	10.23	91	250115	18.076	ug/l	99
68) m/p-Xylenes	10.34	106	191997	36.138	ug/l	96
69) o-Xylene	10.68	106	91579	18.120	ug/l	100
70) Styrene	10.70	104	161378	18.750	ug/l	99
71) Bromoform	10.84	173	47988	18.952	ug/l #	97
73) Isopropylbenzene	11.00	105	246005	18.305	ug/l	99
74) N-amyl acetate	10.88	43	102719	17.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	77159	18.252	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76074m	18.855	ug/l	
77) Bromobenzene	11.24	156	66852	18.099	ug/l	98
78) n-propylbenzene	11.34	91	281805	18.542	ug/l	98
79) 2-Chlorotoluene	11.40	91	169245	18.400	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	210341	18.868	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	25906	16.627	ug/l	95
82) 4-Chlorotoluene	11.49	91	201485	18.324	ug/l	100
83) tert-Butylbenzene	11.76	119	200375	18.310	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	214404	18.958	ug/l	99
85) sec-Butylbenzene	11.93	105	231524	17.999	ug/l	100
86) p-Isopropyltoluene	12.05	119	215775	18.019	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117343	17.492	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120722	18.963	ug/l	99
89) n-Butylbenzene	12.37	91	182136	17.034	ug/l	99
90) Hexachloroethane	12.58	117	42044	17.804	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	111782	17.826	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17075	16.931	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75051	17.535	ug/l	99
94) Hexachlorobutadiene	13.76	225	27322	17.380	ug/l	97
95) Naphthalene	13.82	128	234988	18.059	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	75935	18.333	ug/l	97

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

