

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016721.D
 Acq On : 12 Jun 2020 12:31
 Operator : JC/SP
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 11:09:57 AM

Quant Time: Jun 13 04:49:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	242740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	352710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140231	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.46	113	114221	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.70	98	426402	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	162311	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	36108	15.115	ug/l	96
3) Chloromethane	1.31	50	40136	13.903	ug/l	99
4) Vinyl Chloride	1.39	62	45508	14.907	ug/l	100
5) Bromomethane	1.62	94	32042	21.586	ug/l	95
6) Chloroethane	1.71	64	29896	16.788	ug/l	98
7) Trichlorofluoromethane	1.92	101	75903	18.932	ug/l	98
8) Diethyl Ether	2.17	74	28397	16.986	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42578	19.296	ug/l	97
10) Methyl Iodide	2.49	142	40052	17.320	ug/l	99
11) Tert butyl alcohol	3.01	59	61626	79.722	ug/l	100
12) 1,1-Dichloroethene	2.36	96	41546	17.788	ug/l	97
13) Acrolein	2.27	56	18147	55.186	ug/l	97
14) Allyl chloride	2.70	41	65567	15.264	ug/l	96
15) Acrylonitrile	3.11	53	123961	78.284	ug/l	99
16) Acetone	2.42	43	111564	84.472	ug/l	98
17) Carbon Disulfide	2.55	76	103232	14.883	ug/l	100
18) Methyl Acetate	2.75	43	58166	17.171	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	146998	17.527	ug/l	98
20) Methylene Chloride	2.83	84	47381	17.340	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	43916	16.998	ug/l	90
22) Diisopropyl ether	3.82	45	131106	15.888	ug/l	93
23) Vinyl Acetate	3.78	43	558234	77.288	ug/l	96
24) 1,1-Dichloroethane	3.67	63	79261	17.018	ug/l	98
25) 2-Butanone	4.63	43	166924	74.589	ug/l	93
26) 2,2-Dichloropropane	4.54	77	76059	19.958	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	50489	16.893	ug/l	98
28) Bromochloromethane	4.98	49	35462	16.385	ug/l	83
29) Tetrahydrofuran	5.09	42	106668	73.778	ug/l	94
30) Chloroform	5.17	83	84227	17.948	ug/l	100
31) Cyclohexane	5.55	56	60490	14.437	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	80845	19.029	ug/l	97
36) 1,1-Dichloropropene	5.76	75	59281	17.751	ug/l	98
37) Ethyl Acetate	4.79	43	63228	15.770	ug/l	96
38) Carbon Tetrachloride	5.75	117	70336	20.042	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	63829	17.597	ug/l	98
40) Benzene	6.11	78	179667	18.066	ug/l	99
41) Methacrylonitrile	5.00	41	34721	15.766	ug/l	95
42) 1,2-Dichloroethane	6.16	62	66947	18.929	ug/l	99
43) Isopropyl Acetate	6.40	43	101384	16.211	ug/l	97
44) Trichloroethene	7.18	130	55106	17.465	ug/l	90
45) 1,2-Dichloropropane	7.49	63	45698	18.050	ug/l	99
46) Dibromomethane	7.63	93	31686	18.633	ug/l	93
47) Bromodichloromethane	7.87	83	68605	19.485	ug/l	97
48) Methyl methacrylate	7.74	41	46907	15.665	ug/l	92
49) 1,4-Dioxane	7.71	88	24972	356.359	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	324283	83.277	ug/l	97
52) Toluene	8.76	92	119502	19.056	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	75323	18.813	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	79471	18.753	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	48683	19.525	ug/l	96
56) Ethyl methacrylate	9.16	69	70104	17.263	ug/l	96
57) 1,3-Dichloropropane	9.35	76	81551	19.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	178723	84.319	ug/l	94
59) 2-Hexanone	9.47	43	248122	81.936	ug/l	98
60) Dibromochloromethane	9.57	129	57585	20.522	ug/l	98
61) 1,2-Dibromoethane	9.65	107	51863	19.424	ug/l	100
64) Tetrachloroethene	9.32	164	58897	15.950	ug/l	97
65) Chlorobenzene	10.12	112	128532	19.101	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	52906	20.597	ug/l	98
67) Ethyl Benzene	10.23	91	218633	18.249	ug/l	98
68) m/p-Xylenes	10.34	106	169878	38.243	ug/l	99
69) o-Xylene	10.68	106	79036	18.372	ug/l	99
70) Styrene	10.70	104	139177	18.822	ug/l	98
71) Bromoform	10.84	173	44858	20.664	ug/l #	100
73) Isopropylbenzene	11.00	105	216932	18.196	ug/l	100
74) N-amyl acetate	10.88	43	81135	14.796	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	62325	20.859	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	67191m	17.766	ug/l	
77) Bromobenzene	11.24	156	59130	18.910	ug/l	94
78) n-propylbenzene	11.34	91	238543	17.910	ug/l	98
79) 2-Chlorotoluene	11.40	91	147193	18.105	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	187134	18.799	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	25496	16.583	ug/l	97
82) 4-Chlorotoluene	11.49	91	174202	18.145	ug/l	99
83) tert-Butylbenzene	11.76	119	171725	20.189	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	186957	18.571	ug/l	100
85) sec-Butylbenzene	11.93	105	200361	18.778	ug/l	99
86) p-Isopropyltoluene	12.05	119	193933	19.403	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	102769	18.971	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	103690	18.715	ug/l	99
89) n-Butylbenzene	12.37	91	155033	18.622	ug/l	99
90) Hexachloroethane	12.58	117	34071	19.735	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	100178	19.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16702	17.258	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	69405	19.911	ug/l	97
94) Hexachlorobutadiene	13.77	225	31453	22.982	ug/l	99
95) Naphthalene	13.82	128	211692	17.716	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	67798	19.853	ug/l	99

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

