

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017014.D
 Acq On : 29 Jun 2020 18:09
 Operator : JC/SP
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:12:11 AM

Quant Time: Jun 30 05:54:23 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	297597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	487126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184453	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.47	113	152535	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.70	98	566013	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.12	95	213051	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	59273	20.588	ug/l	97
3) Chloromethane	1.32	50	67809	19.458	ug/l	99
4) Vinyl Chloride	1.39	62	65009	20.106	ug/l	97
5) Bromomethane	1.63	94	42966	25.151	ug/l	99
6) Chloroethane	1.71	64	37580	19.679	ug/l	99
7) Trichlorofluoromethane	1.92	101	92618	19.368	ug/l	96
8) Diethyl Ether	2.17	74	33344	20.937	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58155	20.290	ug/l	99
10) Methyl Iodide	2.49	142	62578	16.921	ug/l	99
11) Tert butyl alcohol	3.01	59	70791	101.145	ug/l	99
12) 1,1-Dichloroethene	2.36	96	57802	19.632	ug/l	96
13) Acrolein	2.28	56	38081	91.019	ug/l	97
14) Allyl chloride	2.71	41	104314	19.171	ug/l	99
15) Acrylonitrile	3.12	53	166016	98.671	ug/l	100
16) Acetone	2.42	43	138966	101.254	ug/l	99
17) Carbon Disulfide	2.55	76	171839	20.928	ug/l	99
18) Methyl Acetate	2.75	43	70888	19.786	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	195966	19.831	ug/l	97
20) Methylene Chloride	2.84	84	65008	20.186	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	63078	19.305	ug/l	98
22) Diisopropyl ether	3.83	45	207681	20.622	ug/l	89
23) Vinyl Acetate	3.79	43	896319	103.572	ug/l	99
24) 1,1-Dichloroethane	3.67	63	114326	19.951	ug/l	100
25) 2-Butanone	4.64	43	232620	101.720	ug/l	98
26) 2,2-Dichloropropane	4.55	77	98542	19.368	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	72585	19.606	ug/l	99
28) Bromochloromethane	4.98	49	53920	19.337	ug/l	97
29) Tetrahydrofuran	5.09	42	152484	100.917	ug/l	99
30) Chloroform	5.18	83	116577	19.846	ug/l	99
31) Cyclohexane	5.55	56	98832	19.953	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	105739	19.546	ug/l	99
36) 1,1-Dichloropropene	5.77	75	84438	18.340	ug/l	99
37) Ethyl Acetate	4.80	43	92523	19.807	ug/l	99
38) Carbon Tetrachloride	5.76	117	95375	18.808	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96421	18.823	ug/l	99
40) Benzene	6.11	78	258005	19.073	ug/l	100
41) Methacrylonitrile	5.00	41	49503	18.829	ug/l	99
42) 1,2-Dichloroethane	6.17	62	93098	19.054	ug/l	99
43) Isopropyl Acetate	6.41	43	148452	19.125	ug/l	99
44) Trichloroethene	7.19	130	73774	19.575	ug/l	93
45) 1,2-Dichloropropane	7.49	63	65735	18.920	ug/l	99
46) Dibromomethane	7.64	93	45175	19.045	ug/l	98
47) Bromodichloromethane	7.88	83	93404	19.108	ug/l	94
48) Methyl methacrylate	7.74	41	70830	19.207	ug/l	98
49) 1,4-Dioxane	7.71	88	32206	385.491	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	458752	99.146	ug/l	99
52) Toluene	8.76	92	162094	19.193	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	101349	18.791	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	109844	18.999	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	66860	19.376	ug/l	97
56) Ethyl methacrylate	9.16	69	93938	19.127	ug/l	99
57) 1,3-Dichloropropane	9.35	76	111024	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	246500	100.845	ug/l	99
59) 2-Hexanone	9.47	43	341483	101.052	ug/l	99
60) Dibromochloromethane	9.57	129	74286	18.536	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70206	18.928	ug/l	100
64) Tetrachloroethene	9.32	164	68000	18.640	ug/l	98
65) Chlorobenzene	10.12	112	172808	18.523	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	66690	18.548	ug/l	98
67) Ethyl Benzene	10.24	91	299342	19.213	ug/l	98
68) m/p-Xylenes	10.34	106	231720	38.734	ug/l	99
69) o-Xylene	10.68	106	108064	18.989	ug/l	97
70) Styrene	10.70	104	187456	19.343	ug/l	99
71) Bromoform	10.84	173	53742	18.849	ug/l	# 99
73) Isopropylbenzene	11.00	105	295224	19.834	ug/l	100
74) N-amyl acetate	10.88	43	126319	19.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	91854	19.618	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	89069m	19.932	ug/l	
77) Bromobenzene	11.24	156	76654	18.737	ug/l	98
78) n-propylbenzene	11.34	91	335646	19.940	ug/l	99
79) 2-Chlorotoluene	11.40	91	201857	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	248226	20.105	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	32207	18.664	ug/l	95
82) 4-Chlorotoluene	11.49	91	237717	19.520	ug/l	99
83) tert-Butylbenzene	11.76	119	240141	19.813	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	252899	20.190	ug/l	99
85) sec-Butylbenzene	11.93	105	279439	19.614	ug/l	98
86) p-Isopropyltoluene	12.05	119	263683	19.881	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138334	18.618	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	139906	19.852	ug/l	99
89) n-Butylbenzene	12.37	91	225256	19.021	ug/l	99
90) Hexachloroethane	12.58	117	50616	19.353	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	136277	19.622	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20386	18.251	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	87645	18.489	ug/l	99
94) Hexachlorobutadiene	13.76	225	34989	19.964	ug/l	97
95) Naphthalene	13.82	128	278347	19.314	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	84745	18.473	ug/l	100

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

