

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010354.D
 Acq On : 20 Jun 2019 12:49
 Operator : JC/SP
 Sample : VX0620WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/21/2019 11:35:03 AM

Quant Time: Jun 21 01:39:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	335519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	479900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	432864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	150282	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	5.49	113	149730	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	572507	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	201551	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47482	20.356	ug/l	99
3) Chloromethane	1.32	50	53281	19.616	ug/l	99
4) Vinyl Chloride	1.40	62	56655	19.043	ug/l	97
5) Bromomethane	1.64	94	30854	21.288	ug/l	100
6) Chloroethane	1.72	64	34093	19.424	ug/l	100
7) Trichlorofluoromethane	1.93	101	94977	20.139	ug/l	99
8) Diethyl Ether	2.18	74	34055	20.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57938	20.272	ug/l	99
10) Methyl Iodide	2.51	142	76288	18.704	ug/l	99
11) Tert butyl alcohol	3.04	59	80683	98.016	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57378	19.730	ug/l	98
13) Acrolein	2.29	56	45337	83.025	ug/l	99
14) Allyl chloride	2.73	41	82625	20.012	ug/l	99
15) Acrylonitrile	3.14	53	159458	97.841	ug/l	98
16) Acetone	2.44	43	152502	96.729	ug/l	98
17) Carbon Disulfide	2.57	76	151381	19.402	ug/l	100
18) Methyl Acetate	2.77	43	59859	19.050	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	182874	19.989	ug/l	99
20) Methylene Chloride	2.85	84	64580	19.904	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	62303	19.919	ug/l	99
22) Diisopropyl ether	3.85	45	170996	19.809	ug/l	91
23) Vinyl Acetate	3.81	43	752998	100.972	ug/l	99
24) 1,1-Dichloroethane	3.70	63	98676	19.775	ug/l	98
25) 2-Butanone	4.67	43	223951	96.837	ug/l	97
26) 2,2-Dichloropropane	4.58	77	88685	20.460	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	71091	19.669	ug/l	99
28) Bromochloromethane	5.01	49	38273	16.042	ug/l	100
29) Tetrahydrofuran	5.12	42	136359	95.191	ug/l	99
30) Chloroform	5.21	83	105761	19.699	ug/l	99
31) Cyclohexane	5.57	56	92607	20.380	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	95778	20.204	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77999	20.453	ug/l	100
37) Ethyl Acetate	4.82	43	80196	20.441	ug/l	100
38) Carbon Tetrachloride	5.78	117	87524	21.194	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107755	21.496	ug/l	98
40) Benzene	6.13	78	248832	20.944	ug/l	100
41) Methacrylonitrile	5.04	41	42607	19.793	ug/l	99
42) 1,2-Dichloroethane	6.19	62	76317	21.102	ug/l	99
43) Isopropyl Acetate	6.44	43	132826	20.463	ug/l	99
44) Trichloroethene	7.21	130	75574	21.258	ug/l	95
45) 1,2-Dichloropropane	7.51	63	62481	20.825	ug/l	98
46) Dibromomethane	7.66	93	43869	20.379	ug/l	100
47) Bromodichloromethane	7.90	83	81965	20.777	ug/l	99
48) Methyl methacrylate	7.76	41	61399	20.351	ug/l	98
49) 1,4-Dioxane	7.73	88	37159	427.538	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	423700	102.064	ug/l	100
52) Toluene	8.78	92	164403	21.012	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92052	20.813	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99911	20.787	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	65569	20.320	ug/l	98
56) Ethyl methacrylate	9.18	69	99946	20.446	ug/l	99
57) 1,3-Dichloropropane	9.37	76	101845	20.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	246201	106.051	ug/l	99
59) 2-Hexanone	9.49	43	326066	99.798	ug/l	100
60) Dibromochloromethane	9.58	129	73245	20.273	ug/l	100
61) 1,2-Dibromoethane	9.67	107	70458	20.229	ug/l	99
64) Tetrachloroethene	9.34	164	74414	21.254	ug/l	94
65) Chlorobenzene	10.13	112	182122	20.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	66596	20.805	ug/l	98
67) Ethyl Benzene	10.25	91	308273	20.779	ug/l	99
68) m/p-Xylenes	10.35	106	243050	42.280	ug/l	98
69) o-Xylene	10.69	106	117829	20.843	ug/l	97
70) Styrene	10.71	104	198630	20.951	ug/l	100
71) Bromoform	10.85	173	58697	21.086	ug/l #	100
73) Isopropylbenzene	11.02	105	315711	20.834	ug/l	99
74) N-amyl acetate	10.90	43	116000	20.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	100932	20.112	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	85261m	20.930	ug/l	
77) Bromobenzene	11.25	156	85028	20.095	ug/l	99
78) n-propylbenzene	11.36	91	350107	21.022	ug/l	100
79) 2-Chlorotoluene	11.42	91	200701	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	260414	20.846	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34587	19.808	ug/l	99
82) 4-Chlorotoluene	11.51	91	234145	20.749	ug/l	98
83) tert-Butylbenzene	11.77	119	261850	20.884	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	263964	21.032	ug/l	98
85) sec-Butylbenzene	11.94	105	312125	21.202	ug/l	100
86) p-Isopropyltoluene	12.06	119	292457	21.477	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	154440	20.910	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	152937	20.339	ug/l	100
89) n-Butylbenzene	12.38	91	248081	21.440	ug/l	100
90) Hexachloroethane	12.59	117	48466	20.584	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	150755	20.537	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20657	19.092	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110118	21.631	ug/l	99
94) Hexachlorobutadiene	13.78	225	54024	21.714	ug/l	99
95) Naphthalene	13.83	128	327385	20.927	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108033	21.344	ug/l	99

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

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