

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010453.D
 Acq On : 26 Jun 2019 11:29
 Operator : JC/SP
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/27/2019 10:11:36 AM

Quant Time: Jun 27 02:19:04 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	5.67	168	268513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400620	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	360457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	123398	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	122155	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	8.71	98	460958	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.13	95	162666	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	34552	18.509	ug/l	98
3) Chloromethane	1.33	50	38971	17.928	ug/l	98
4) Vinyl Chloride	1.41	62	43649	18.333	ug/l	96
5) Bromomethane	1.64	94	25702	22.158	ug/l	100
6) Chloroethane	1.72	64	28118	20.017	ug/l	97
7) Trichlorofluoromethane	1.93	101	73991	19.604	ug/l	99
8) Diethyl Ether	2.19	74	26946	19.908	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43155	18.868	ug/l	98
10) Methyl Iodide	2.51	142	54267	16.625	ug/l	97
11) Tert butyl alcohol	3.04	59	66208	100.503	ug/l	100
12) 1,1-Dichloroethene	2.37	96	43883	18.855	ug/l	99
13) Acrolein	2.29	56	29710	67.985	ug/l	99
14) Allyl chloride	2.73	41	62111	18.797	ug/l	97
15) Acrylonitrile	3.14	53	132969	101.948	ug/l	98
16) Acetone	2.44	43	119361	94.601	ug/l	94
17) Carbon Disulfide	2.57	76	104745	16.775	ug/l	100
18) Methyl Acetate	2.78	43	50488	20.077	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	144291	19.707	ug/l	97
20) Methylene Chloride	2.85	84	50506	19.451	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	46965	18.762	ug/l	99
22) Diisopropyl ether	3.85	45	137531	19.908	ug/l	97
23) Vinyl Acetate	3.82	43	593820	99.498	ug/l	100
24) 1,1-Dichloroethane	3.70	63	79091	19.806	ug/l	99
25) 2-Butanone	4.67	43	183097	98.928	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64010	18.452	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56259	19.449	ug/l	100
28) Bromochloromethane	5.02	49	38766	20.304	ug/l	96
29) Tetrahydrofuran	5.13	42	114162	99.583	ug/l	100
30) Chloroform	5.21	83	83380	19.406	ug/l	100
31) Cyclohexane	5.58	56	68437	18.820	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	74139	19.542	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59873	18.807	ug/l	99
37) Ethyl Acetate	4.84	43	64800	19.786	ug/l	99
38) Carbon Tetrachloride	5.79	117	66020	19.151	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77281	18.468	ug/l	97
40) Benzene	6.14	78	193682	19.528	ug/l	100
41) Methacrylonitrile	5.04	41	35664	19.847	ug/l	98
42) 1,2-Dichloroethane	6.20	62	61033	20.215	ug/l	100
43) Isopropyl Acetate	6.45	43	108601	20.042	ug/l	98
44) Trichloroethene	7.21	130	57033	19.217	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49231	19.656	ug/l	94
46) Dibromomethane	7.66	93	35281	19.633	ug/l	99
47) Bromodichloromethane	7.90	83	63053	19.146	ug/l	99
48) Methyl methacrylate	7.77	41	49870	19.800	ug/l	99
49) 1,4-Dioxane	7.74	88	30375	418.644	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	354187	102.203	ug/l	99
52) Toluene	8.78	92	127091	19.458	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	68226	18.478	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	76382	19.037	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	53616	19.904	ug/l	96
56) Ethyl methacrylate	9.18	69	79127	19.391	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83837	20.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	193010	99.591	ug/l	100
59) 2-Hexanone	9.49	43	276166	101.253	ug/l	99
60) Dibromochloromethane	9.58	129	56294	18.665	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56098	19.294	ug/l	98
64) Tetrachloroethene	9.34	164	57657	19.776	ug/l	97
65) Chlorobenzene	10.13	112	144644	19.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52776	19.799	ug/l	98
67) Ethyl Benzene	10.25	91	243902	19.742	ug/l	100
68) m/p-Xylenes	10.36	106	188964	39.474	ug/l	98
69) o-Xylene	10.69	106	92869	19.728	ug/l	99
70) Styrene	10.71	104	157522	19.953	ug/l	100
71) Bromoform	10.85	173	42225	18.216	ug/l #	100
73) Isopropylbenzene	11.02	105	247137	19.528	ug/l	98
74) N-amyl acetate	10.90	43	94984	19.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82587	19.705	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68811m	20.226	ug/l	
77) Bromobenzene	11.26	156	67069	18.979	ug/l	99
78) n-propylbenzene	11.36	91	269960	19.409	ug/l	100
79) 2-Chlorotoluene	11.42	91	159044	19.203	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203183	19.475	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23604	16.186	ug/l	91
82) 4-Chlorotoluene	11.51	91	181300	19.237	ug/l	99
83) tert-Butylbenzene	11.77	119	200402	19.138	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	203475	19.412	ug/l	99
85) sec-Butylbenzene	11.94	105	237917	19.351	ug/l	99
86) p-Isopropyltoluene	12.06	119	219379	19.291	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	116493	18.885	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	117441	18.701	ug/l	99
89) n-Butylbenzene	12.38	91	182394	18.874	ug/l	100
90) Hexachloroethane	12.60	117	35444	18.025	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	118597	19.345	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17170	19.001	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	79323	18.658	ug/l	98
94) Hexachlorobutadiene	13.78	225	38292	18.429	ug/l	97
95) Naphthalene	13.83	128	251208	19.227	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	82649	19.552	ug/l	99

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

