

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010381.D
 Acq On : 21 Jun 2019 13:51
 Operator : JC/SP
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 11:23:08 AM

Quant Time: Jun 22 00:09:37 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	282803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	377295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133519	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	5.50	113	133018	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.71	98	501105	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	173355	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36504	18.566	ug/l	98
3) Chloromethane	1.33	50	40065	17.500	ug/l	100
4) Vinyl Chloride	1.41	62	45415	18.111	ug/l	98
5) Bromomethane	1.64	94	26262	21.497	ug/l	97
6) Chloroethane	1.72	64	27010	18.257	ug/l	99
7) Trichlorofluoromethane	1.93	101	75797	19.068	ug/l	99
8) Diethyl Ether	2.19	74	28318	19.865	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47032	19.524	ug/l	100
10) Methyl Iodide	2.51	142	50415	14.664	ug/l	100
11) Tert butyl alcohol	3.04	59	64789	93.379	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45863	18.710	ug/l	99
13) Acrolein	2.29	56	33431	72.634	ug/l	98
14) Allyl chloride	2.73	41	67063	19.270	ug/l	99
15) Acrylonitrile	3.14	53	134876	98.185	ug/l	100
16) Acetone	2.45	43	120159	90.421	ug/l	98
17) Carbon Disulfide	2.57	76	115893	17.622	ug/l	99
18) Methyl Acetate	2.78	43	51830	19.569	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	147777	19.163	ug/l	100
20) Methylene Chloride	2.86	84	53151	19.435	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	49237	18.676	ug/l	98
22) Diisopropyl ether	3.86	45	141762	19.483	ug/l	90
23) Vinyl Acetate	3.82	43	621042	98.801	ug/l	100
24) 1,1-Dichloroethane	3.70	63	81935	19.481	ug/l	99
25) 2-Butanone	4.67	43	186377	95.612	ug/l	100
26) 2,2-Dichloropropane	4.58	77	66622	18.235	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58922	19.341	ug/l	99
28) Bromochloromethane	5.02	49	36395	18.099	ug/l	97
29) Tetrahydrofuran	5.13	42	119099	98.640	ug/l	99
30) Chloroform	5.21	83	85277	18.845	ug/l	96
31) Cyclohexane	5.58	56	73584	19.212	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	78329	19.603	ug/l	99
36) 1,1-Dichloropropene	5.81	75	62562	18.626	ug/l	99
37) Ethyl Acetate	4.84	43	69014	19.972	ug/l	100
38) Carbon Tetrachloride	5.79	117	69497	19.107	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82441	18.672	ug/l	99
40) Benzene	6.15	78	203603	19.456	ug/l	100
41) Methacrylonitrile	5.04	41	34998	18.459	ug/l	94
42) 1,2-Dichloroethane	6.20	62	63887	20.056	ug/l	100
43) Isopropyl Acetate	6.45	43	111139	19.440	ug/l	99
44) Trichloroethene	7.21	130	59212	18.910	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51053	19.319	ug/l	98
46) Dibromomethane	7.66	93	35985	18.979	ug/l	99
47) Bromodichloromethane	7.90	83	65175	18.757	ug/l	97
48) Methyl methacrylate	7.77	41	51929	19.541	ug/l	99
49) 1,4-Dioxane	7.74	88	29208	381.543	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	359654	98.362	ug/l	99
52) Toluene	8.79	92	130787	18.979	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70652	18.136	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79404	18.757	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54886	19.312	ug/l	99
56) Ethyl methacrylate	9.18	69	81480	18.925	ug/l	99
57) 1,3-Dichloropropane	9.37	76	84862	19.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	189319	92.587	ug/l	100
59) 2-Hexanone	9.49	43	272532	94.703	ug/l	100
60) Dibromochloromethane	9.58	129	57972	18.217	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57971	18.897	ug/l	98
64) Tetrachloroethene	9.34	164	60081	19.688	ug/l	94
65) Chlorobenzene	10.14	112	146064	19.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	54952	19.695	ug/l	98
67) Ethyl Benzene	10.25	91	247760	19.160	ug/l	98
68) m/p-Xylenes	10.36	106	191219	38.163	ug/l	99
69) o-Xylene	10.69	106	93546	18.985	ug/l	99
70) Styrene	10.71	104	155624	18.833	ug/l	100
71) Bromoform	10.85	173	44288	18.253	ug/l	96
73) Isopropylbenzene	11.02	105	247335	19.596	ug/l	100
74) N-amyl acetate	10.90	43	95019	19.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85078	20.354	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	67621m	19.930	ug/l	
77) Bromobenzene	11.26	156	68103	19.324	ug/l	99
78) n-propylbenzene	11.36	91	272022	19.610	ug/l	99
79) 2-Chlorotoluene	11.42	91	161122	19.506	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	205727	19.772	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26271	18.063	ug/l	96
82) 4-Chlorotoluene	11.51	91	180963	19.253	ug/l	98
83) tert-Butylbenzene	11.77	119	203953	19.529	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	204999	19.610	ug/l	100
85) sec-Butylbenzene	11.94	105	238497	19.450	ug/l	100
86) p-Isopropyltoluene	12.06	119	218374	19.254	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	117478	19.096	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	115556	18.451	ug/l	99
89) n-Butylbenzene	12.38	91	182451	18.931	ug/l	100
90) Hexachloroethane	12.59	117	37101	18.918	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	117118	19.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17147	19.026	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80702	19.033	ug/l	98
94) Hexachlorobutadiene	13.78	225	39513	19.067	ug/l	99
95) Naphthalene	13.83	128	252795	19.401	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	79332	18.818	ug/l	98

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

