

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092618\
 Data File : VX004736.D
 Acq On : 26 Sep 2018 19:42
 Operator : JC/MD
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:00 PM

Quant Time: Sep 27 02:10:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198735	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
35) Dibromofluoromethane	5.50	113	160437	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	8.71	98	559053	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
62) 4-Bromofluorobenzene	11.14	95	202049	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81505	23.493	ug/l	99
3) Chloromethane	1.32	50	93414	22.193	ug/l	99
4) Vinyl Chloride	1.40	62	84771	21.473	ug/l	100
5) Bromomethane	1.64	94	53681	22.931	ug/l	98
6) Chloroethane	1.72	64	51425	22.628	ug/l	96
7) Trichlorofluoromethane	1.93	101	110611	22.632	ug/l	98
8) Diethyl Ether	2.19	74	41968	19.766	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59128	21.239	ug/l	96
10) Methyl Iodide	2.51	142	76843	20.627	ug/l	100
11) Tert butyl alcohol	3.08	59	113259	111.438	ug/l	98
12) 1,1-Dichloroethene	2.37	96	57817	20.970	ug/l	98
13) Acrolein	2.29	56	69525	96.145	ug/l	95
14) Allyl chloride	2.73	41	132327	21.997	ug/l	95
15) Acrylonitrile	3.15	53	247159	110.469	ug/l	95
16) Acetone	2.45	43	231561	109.119	ug/l	91
17) Carbon Disulfide	2.57	76	167755	20.249	ug/l	99
18) Methyl Acetate	2.78	43	116763	21.717	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	208507	21.925	ug/l	99
20) Methylene Chloride	2.85	84	73571	23.398	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	65114	21.574	ug/l	93
22) Diisopropyl ether	3.87	45	230789	22.783	ug/l	96
23) Vinyl Acetate	3.82	43	1031953	111.291	ug/l	96
24) 1,1-Dichloroethane	3.69	63	121809	20.158	ug/l	97
25) 2-Butanone	4.70	43	350508	112.053	ug/l	98
26) 2,2-Dichloropropane	4.58	77	91907	21.842	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	73724	21.866	ug/l	98
28) Bromochloromethane	5.01	49	58834	20.676	ug/l	89
29) Tetrahydrofuran	5.16	42	228630	117.596	ug/l	92
30) Chloroform	5.21	83	121676	21.306	ug/l	92
31) Cyclohexane	5.57	56	107893	23.329	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	100427	21.533	ug/l	97
36) 1,1-Dichloropropene	5.80	75	85939	20.638	ug/l	99
37) Ethyl Acetate	4.86	43	123906	22.417	ug/l	98
38) Carbon Tetrachloride	5.78	117	84836	19.381	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90433	21.268	ug/l	91
40) Benzene	6.13	78	275011	21.096	ug/l	97
41) Methacrylonitrile	5.07	41	64889	21.168	ug/l	96
42) 1,2-Dichloroethane	6.20	62	97771	21.215	ug/l	98
43) Isopropyl Acetate	6.46	43	173284	21.720	ug/l	95
44) Trichloroethene	7.21	130	67477	21.055	ug/l	98
45) 1,2-Dichloropropane	7.52	63	67082	20.983	ug/l	99
46) Dibromomethane	7.66	93	43778	21.789	ug/l	96
47) Bromodichloromethane	7.90	83	81340	21.623	ug/l	99
48) Methyl methacrylate	7.78	41	83908	23.172	ug/l	93
49) 1,4-Dioxane	7.76	88	40680	452.192	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	586738	116.803	ug/l	92
52) Toluene	8.79	92	154520	21.571	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	87519	20.589	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	98348	22.089	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	65523	20.882	ug/l	97
56) Ethyl methacrylate	9.18	69	95661	20.574	ug/l	93
57) 1,3-Dichloropropane	9.37	76	109518	20.971	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	284358	113.427	ug/l	94
59) 2-Hexanone	9.50	43	460130	109.921	ug/l	93
60) Dibromochloromethane	9.59	129	63809	20.334	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67882	20.201	ug/l	99
64) Tetrachloroethene	9.34	164	66340	19.706	ug/l	98
65) Chlorobenzene	10.14	112	173601	19.792	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	61088	19.811	ug/l	99
67) Ethyl Benzene	10.26	91	285158	20.478	ug/l	96
68) m/p-Xylenes	10.36	106	224982	41.344	ug/l	95
69) o-Xylene	10.70	106	107275	21.463	ug/l	97
70) Styrene	10.71	104	181161	20.690	ug/l	97
71) Bromoform	10.86	173	51150	19.375	ug/l #	100
73) Isopropylbenzene	11.02	105	284612	22.158	ug/l	100
74) N-amyl acetate	10.90	43	135729	20.301	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	105484	20.174	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	96715m	21.175	ug/l	
77) Bromobenzene	11.26	156	77915	20.884	ug/l	97
78) n-propylbenzene	11.36	91	327430	22.217	ug/l	99
79) 2-Chlorotoluene	11.42	91	201142	21.896	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	243025	20.527	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	28414	18.280	ug/l	97
82) 4-Chlorotoluene	11.51	91	235469	21.777	ug/l	99
83) tert-Butylbenzene	11.77	119	232216	21.958	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	252671	20.696	ug/l	98
85) sec-Butylbenzene	11.94	105	281096	21.822	ug/l	98
86) p-Isopropyltoluene	12.07	119	253764	21.744	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	143082	20.538	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	145480	20.229	ug/l	99
89) n-Butylbenzene	12.39	91	219387	20.699	ug/l	97
90) Hexachloroethane	12.60	117	38098	19.607	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	144260	19.815	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23755	20.692	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	102284	20.028	ug/l	99
94) Hexachlorobutadiene	13.79	225	51045	19.275	ug/l	97
95) Naphthalene	13.83	128	330666	19.946	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107043	20.290	ug/l	100

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

