

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122718\
 Data File : VX006841.D
 Acq On : 27 Dec 2018 14:42
 Operator : JC/MD
 Sample : VX1227WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1227WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/28/2018 10:28:14 AM

Quant Time: Dec 28 05:47:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	559342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	836101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	752298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	286130	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	5.51	113	259351	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
50) Toluene-d8	8.71	98	949240	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	11.13	95	343884	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	87444	17.089	ug/l	97
3) Chloromethane	1.33	50	100656	18.259	ug/l	97
4) Vinyl Chloride	1.41	62	108435	18.833	ug/l	99
5) Bromomethane	1.64	94	100519	17.461	ug/l	96
6) Chloroethane	1.71	64	71570	17.952	ug/l	97
7) Trichlorofluoromethane	1.93	101	172324	19.197	ug/l	99
8) Diethyl Ether	2.19	74	68961	19.342	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99157	18.813	ug/l	99
10) Methyl Iodide	2.51	142	137319	18.201	ug/l	99
11) Tert butyl alcohol	3.07	59	135842	100.971	ug/l	99
12) 1,1-Dichloroethene	2.37	96	95154	19.040	ug/l	98
13) Acrolein	2.30	56	89679	98.810	ug/l	95
14) Allyl chloride	2.73	41	163770	19.468	ug/l	98
15) Acrylonitrile	3.15	53	310999	104.113	ug/l	99
16) Acetone	2.45	43	256080	92.461	ug/l	98
17) Carbon Disulfide	2.57	76	197796	14.956	ug/l	98
18) Methyl Acetate	2.78	43	196812	24.167	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	356171	21.473	ug/l	97
20) Methylene Chloride	2.86	84	115312	20.135	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	99208	17.916	ug/l	92
22) Diisopropyl ether	3.87	45	327829	21.302	ug/l	94
23) Vinyl Acetate	3.82	43	1285505	102.121	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176216	19.182	ug/l	99
25) 2-Butanone	4.70	43	384844	98.784	ug/l	98
26) 2,2-Dichloropropane	4.59	77	117930	16.618	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	119017	19.481	ug/l	99
28) Bromochloromethane	5.02	49	75843	18.414	ug/l	98
29) Tetrahydrofuran	5.15	42	256978	100.151	ug/l	98
30) Chloroform	5.21	83	184530	19.397	ug/l	98
31) Cyclohexane	5.57	56	139077	16.664	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	152385	18.970	ug/l	98
36) 1,1-Dichloropropene	5.80	75	129686	18.728	ug/l	98
37) Ethyl Acetate	4.86	43	148989	20.671	ug/l	100
38) Carbon Tetrachloride	5.78	117	126714	18.829	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138208	15.160	ug/l	99
40) Benzene	6.14	78	415895	19.758	ug/l	99
41) Methacrylonitrile	5.06	41	85279	22.286	ug/l	99
42) 1,2-Dichloroethane	6.20	62	143643	20.027	ug/l	100
43) Isopropyl Acetate	6.46	43	239136	21.806	ug/l	99
44) Trichloroethene	7.21	130	118753	18.640	ug/l	97
45) 1,2-Dichloropropane	7.51	63	103377	20.182	ug/l	98
46) Dibromomethane	7.66	93	75822	20.124	ug/l	99
47) Bromodichloromethane	7.90	83	122316	19.554	ug/l	94
48) Methyl methacrylate	7.77	41	121608	21.806	ug/l	96
49) 1,4-Dioxane	7.75	88	53615	354.612	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	769732	110.313	ug/l	98
52) Toluene	8.79	92	271397	19.958	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	130057	19.386	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	146665	19.924	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	115318	20.718	ug/l	99
56) Ethyl methacrylate	9.18	69	170777	21.708	ug/l	97
57) 1,3-Dichloropropane	9.37	76	182822	20.415	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	429306	102.659	ug/l	99
59) 2-Hexanone	9.49	43	567434	106.286	ug/l	99
60) Dibromochloromethane	9.59	129	104852	19.498	ug/l	96
61) 1,2-Dibromoethane	9.67	107	120588	20.380	ug/l	99
64) Tetrachloroethene	9.34	164	111297	18.683	ug/l	96
65) Chlorobenzene	10.14	112	313071	19.671	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	106205	21.388	ug/l	97
67) Ethyl Benzene	10.25	91	506965	19.493	ug/l	99
68) m/p-Xylenes	10.36	106	399479	38.927	ug/l	99
69) o-Xylene	10.70	106	200077	19.744	ug/l	98
70) Styrene	10.71	104	321935	20.080	ug/l	99
71) Bromoform	10.85	173	72882	19.280	ug/l	98
73) Isopropylbenzene	11.02	105	496107	19.593	ug/l	100
74) N-amyl acetate	10.90	43	213056	23.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	166538	22.116	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	153093m	22.258	ug/l	
77) Bromobenzene	11.26	156	144685	21.136	ug/l	99
78) n-propylbenzene	11.36	91	547822	19.648	ug/l	99
79) 2-Chlorotoluene	11.42	91	334390	19.790	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	398932	19.129	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36267	18.920	ug/l	90
82) 4-Chlorotoluene	11.51	91	386142	19.923	ug/l	100
83) tert-Butylbenzene	11.77	119	395503	18.948	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	417778	19.045	ug/l	100
85) sec-Butylbenzene	11.94	105	458582	17.919	ug/l	100
86) p-Isopropyltoluene	12.06	119	410469	18.247	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	245525	19.901	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	244886	19.363	ug/l	99
89) n-Butylbenzene	12.38	91	330318	17.254	ug/l	99
90) Hexachloroethane	12.60	117	53131	17.390	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	246321	19.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29878	19.176	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	146979	17.265	ug/l	98
94) Hexachlorobutadiene	13.78	225	63445	15.812	ug/l	97
95) Naphthalene	13.83	128	487008	17.924	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	149926	17.057	ug/l	98

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

