

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006158.D
 Acq On : 22 Nov 2018 07:36
 Operator : JC/MD
 Sample : J6031-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VTW-02MSD

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:12 AM

Quant Time: Nov 22 23:15:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413891	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168530	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	5.50	113	138617	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.71	98	518280	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.13	95	193839	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101950	50.250	ug/l	97
3) Chloromethane	1.32	50	130018	50.731	ug/l	99
4) Vinyl Chloride	1.41	62	132046	50.652	ug/l	95
5) Bromomethane	1.64	94	94446	47.320	ug/l	99
6) Chloroethane	1.72	64	80147	63.484	ug/l	100
7) Trichlorofluoromethane	1.93	101	179344	52.588	ug/l	97
8) Diethyl Ether	2.19	74	72930	50.590	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98951	48.932	ug/l	99
10) Methyl Iodide	2.51	142	123916	48.875	ug/l	100
11) Tert butyl alcohol	3.06	59	148924	221.288	ug/l	99
12) 1,1-Dichloroethene	2.38	96	98743	50.088	ug/l	95
13) Acrolein	2.29	56	96394	239.365	ug/l	99
14) Allyl chloride	2.73	41	197307	48.920	ug/l	99
15) Acrylonitrile	3.15	53	364922	245.496	ug/l	99
16) Acetone	2.45	43	330886	235.700	ug/l	99
17) Carbon Disulfide	2.57	76	292329	54.917	ug/l	99
18) Methyl Acetate	2.78	43	168402	46.778	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	368512	54.080	ug/l	99
20) Methylene Chloride	2.86	84	116669	54.942	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	108580	52.641	ug/l	94
22) Diisopropyl ether	3.87	45	474402	54.945	ug/l	93
23) Vinyl Acetate	3.82	43	1827572	255.136	ug/l	100
24) 1,1-Dichloroethane	3.70	63	209187	51.427	ug/l	98
25) 2-Butanone	4.70	43	632793	242.848	ug/l	99
26) 2,2-Dichloropropane	4.59	77	132085	39.398	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	148757	51.600	ug/l	99
28) Bromochloromethane	5.02	49	130205	54.921	ug/l	100
29) Tetrahydrofuran	5.15	42	413112	254.146	ug/l	100
30) Chloroform	5.21	83	252737	51.272	ug/l	98
31) Cyclohexane	5.57	56	217598	51.213	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	215019	54.022	ug/l	99
36) 1,1-Dichloropropene	5.80	75	184181	48.914	ug/l	99
37) Ethyl Acetate	4.85	43	211075	43.571	ug/l	100
38) Carbon Tetrachloride	5.78	117	189728	53.608	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	209315	48.795	ug/l	100
40) Benzene	6.15	78	566301	51.048	ug/l	99
41) Methacrylonitrile	5.06	41	133109	49.859	ug/l	99
42) 1,2-Dichloroethane	6.20	62	206544	49.800	ug/l	100
43) Isopropyl Acetate	6.46	43	338910	48.443	ug/l	99
44) Trichloroethene	7.21	130	150524	48.820	ug/l	97
45) 1,2-Dichloropropane	7.52	63	151600	51.637	ug/l	98
46) Dibromomethane	7.66	93	100550	50.010	ug/l	99
47) Bromodichloromethane	7.90	83	193569	52.054	ug/l	97
48) Methyl methacrylate	7.77	41	192349	54.211	ug/l	100
49) 1,4-Dioxane	7.75	88	67230	798.653	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1266064	252.430	ug/l	100
52) Toluene	8.79	92	353657	51.541	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	197833	50.982	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	209578	48.855	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	150497	50.644	ug/l	98
56) Ethyl methacrylate	9.18	69	224203	48.538	ug/l	98
57) 1,3-Dichloropropane	9.37	76	250633	51.168	ug/l	99
59) 2-Hexanone	9.49	43	990240	248.782	ug/l	100
60) Dibromochloromethane	9.59	129	157196	53.955	ug/l	98
61) 1,2-Dibromoethane	9.67	107	158440	51.753	ug/l	99
64) Tetrachloroethene	9.34	164	133473	41.454	ug/l	99
65) Chlorobenzene	10.14	112	406645	50.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	146181	53.055	ug/l	99
67) Ethyl Benzene	10.25	91	691139	52.596	ug/l	99
68) m/p-Xylenes	10.36	106	540826	105.694	ug/l	99
69) o-Xylene	10.70	106	258016	52.789	ug/l	100
70) Styrene	10.71	104	431009	54.083	ug/l	99
71) Bromoform	10.86	173	127235	51.589	ug/l	99
73) Isopropylbenzene	11.02	105	707068	55.299	ug/l	99
74) N-amyl acetate	10.90	43	298367	45.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	249173	51.710	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	225961m	51.936	ug/l	
77) Bromobenzene	11.26	156	187901	52.458	ug/l	100
78) n-propylbenzene	11.36	91	811985	54.529	ug/l	100
79) 2-Chlorotoluene	11.42	91	481347	53.432	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	595642	55.252	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59277	46.081	ug/l	98
82) 4-Chlorotoluene	11.51	91	564402	53.685	ug/l	99
83) tert-Butylbenzene	11.77	119	602931	57.289	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	609181	55.397	ug/l	100
85) sec-Butylbenzene	11.94	105	709535	55.118	ug/l	99
86) p-Isopropyltoluene	12.07	119	628290	54.742	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	338758	51.293	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	346019	50.540	ug/l	99
89) n-Butylbenzene	12.39	91	539803	51.946	ug/l	99
90) Hexachloroethane	12.60	117	104352	56.975	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	348431	51.603	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56842	50.836	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	246562	51.836	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	114007	49.179	ug/l	99
95) Naphthalene	13.83	128	802230	57.356	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259330	53.479	ug/l	100

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

