

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006517.D
 Acq On : 14 Dec 2018 14:45
 Operator : JC/MD
 Sample : VX1214WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:12:19 PM

Quant Time: Dec 15 04:56:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	591667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	929164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	851345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	442006	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	320594	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	5.51	113	290624	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.71	98	1080174	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	409577	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	116072	20.036	ug/l	98
3) Chloromethane	1.33	50	123160	20.688	ug/l	98
4) Vinyl Chloride	1.41	62	133296	20.804	ug/l	97
5) Bromomethane	1.64	94	124589	28.058	ug/l	97
6) Chloroethane	1.72	64	83795	21.330	ug/l	96
7) Trichlorofluoromethane	1.93	101	206996	21.046	ug/l	99
8) Diethyl Ether	2.19	74	79512	21.361	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122710	21.942	ug/l	99
10) Methyl Iodide	2.51	142	173475	20.583	ug/l	99
11) Tert butyl alcohol	3.07	59	167074	101.147	ug/l	100
12) 1,1-Dichloroethene	2.38	96	113936	21.281	ug/l	89
13) Acrolein	2.29	56	91215	101.034	ug/l	100
14) Allyl chloride	2.73	41	189732	17.940	ug/l	97
15) Acrylonitrile	3.15	53	345801	100.322	ug/l	99
16) Acetone	2.45	43	293448	103.527	ug/l	96
17) Carbon Disulfide	2.57	76	281270	17.049	ug/l	98
18) Methyl Acetate	2.78	43	192823	20.342	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	397159	20.795	ug/l	98
20) Methylene Chloride	2.86	84	126170	20.915	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	118748	20.813	ug/l	95
22) Diisopropyl ether	3.87	45	353110	21.376	ug/l	98
23) Vinyl Acetate	3.82	43	1426309	101.233	ug/l	99
24) 1,1-Dichloroethane	3.70	63	206456	21.866	ug/l	99
25) 2-Butanone	4.70	43	429617	106.224	ug/l	97
26) 2,2-Dichloropropane	4.59	77	156632	17.975	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	139395	21.904	ug/l	97
28) Bromochloromethane	5.02	49	85044	20.621	ug/l	99
29) Tetrahydrofuran	5.15	42	286834	102.044	ug/l	96
30) Chloroform	5.21	83	220624	22.235	ug/l	99
31) Cyclohexane	5.57	56	189278	21.692	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	190458	20.174	ug/l	99
36) 1,1-Dichloropropene	5.80	75	159201	20.346	ug/l	98
37) Ethyl Acetate	4.85	43	166844	19.041	ug/l	98
38) Carbon Tetrachloride	5.78	117	162230	17.624	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	209976	20.674	ug/l	96
40) Benzene	6.15	78	495727	21.153	ug/l	96
41) Methacrylonitrile	5.06	41	92392	19.162	ug/l	98
42) 1,2-Dichloroethane	6.20	62	166308	21.683	ug/l	99
43) Isopropyl Acetate	6.46	43	264186	18.083	ug/l	99
44) Trichloroethene	7.21	130	145475	20.491	ug/l	95
45) 1,2-Dichloropropane	7.52	63	120341	20.205	ug/l	99
46) Dibromomethane	7.66	93	86271	20.056	ug/l	96
47) Bromodichloromethane	7.90	83	149484	17.945	ug/l	97
48) Methyl methacrylate	7.77	41	132391	18.627	ug/l	96
49) 1,4-Dioxane	7.76	88	71675	409.171	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	840282	98.800	ug/l	97
52) Toluene	8.79	92	327990	21.273	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	160627	16.488	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	181762	17.968	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	137866	22.011	ug/l	98
56) Ethyl methacrylate	9.18	69	193038	19.714	ug/l	97
57) 1,3-Dichloropropane	9.37	76	210842	21.287	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	465977	93.777	ug/l	99
59) 2-Hexanone	9.49	43	644286	99.156	ug/l	99
60) Dibromochloromethane	9.59	129	126174	16.336	ug/l	98
61) 1,2-Dibromoethane	9.67	107	143811	20.534	ug/l	98
64) Tetrachloroethene	9.34	164	136814	21.339	ug/l	98
65) Chlorobenzene	10.14	112	382263	21.152	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	127024	18.090	ug/l	98
67) Ethyl Benzene	10.25	91	621393	20.673	ug/l	100
68) m/p-Xylenes	10.36	106	496597	41.245	ug/l	100
69) o-Xylene	10.70	106	252337	21.217	ug/l	97
70) Styrene	10.71	104	392451	20.403	ug/l	99
71) Bromoform	10.86	173	91030	13.733	ug/l #	100
73) Isopropylbenzene	11.02	105	649481	21.277	ug/l	100
74) N-amyl acetate	10.90	43	241839	18.399	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	199457	20.425	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	183098m	21.462	ug/l	
77) Bromobenzene	11.26	156	174281	20.574	ug/l	97
78) n-propylbenzene	11.36	91	710320	20.934	ug/l	99
79) 2-Chlorotoluene	11.42	91	429332	21.289	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	532255	20.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47630	13.101	ug/l #	79
82) 4-Chlorotoluene	11.51	91	489993	20.897	ug/l	100
83) tert-Butylbenzene	11.77	119	560733	20.693	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	552601	21.072	ug/l	100
85) sec-Butylbenzene	11.94	105	653771	21.207	ug/l	100
86) p-Isopropyltoluene	12.06	119	577325	20.798	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	313244	20.782	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310526	20.297	ug/l	98
89) n-Butylbenzene	12.39	91	472091	19.932	ug/l	99
90) Hexachloroethane	12.60	117	87387	15.446	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	311140	20.799	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38627	15.431	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	212194	19.443	ug/l	98
94) Hexachlorobutadiene	13.78	225	97901	20.284	ug/l	99
95) Naphthalene	13.83	128	702308	20.687	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	214982	19.888	ug/l	99

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

