

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006674.D
 Acq On : 20 Dec 2018 14:27
 Operator : JC/MD
 Sample : VX1220WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:18:59 AM

Quant Time: Dec 21 04:10:30 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	555304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	870213	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	808527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	423698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	315056	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
35) Dibromofluoromethane	5.50	113	273615	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	1061306	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	398249	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91507	18.013	ug/l	99
3) Chloromethane	1.33	50	104691	19.129	ug/l	97
4) Vinyl Chloride	1.41	62	112608	19.700	ug/l	97
5) Bromomethane	1.64	94	78502	13.310	ug/l	99
6) Chloroethane	1.72	64	74099	18.722	ug/l	96
7) Trichlorofluoromethane	1.93	101	177181	19.882	ug/l	95
8) Diethyl Ether	2.19	74	69494	19.633	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99037	18.927	ug/l	100
10) Methyl Iodide	2.51	142	73128	9.763	ug/l	99
11) Tert butyl alcohol	3.07	59	144280	108.022	ug/l	98
12) 1,1-Dichloroethene	2.38	96	98483	19.850	ug/l	99
13) Acrolein	2.29	56	70635	78.393	ug/l	98
14) Allyl chloride	2.73	41	161695	19.362	ug/l	98
15) Acrylonitrile	3.15	53	311997	105.207	ug/l	100
16) Acetone	2.45	43	262571	95.494	ug/l	98
17) Carbon Disulfide	2.57	76	219559	16.722	ug/l	99
18) Methyl Acetate	2.78	43	174585	21.593	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	341582	20.743	ug/l	96
20) Methylene Chloride	2.85	84	113957	20.043	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	105343	19.163	ug/l	100
22) Diisopropyl ether	3.87	45	316694	20.728	ug/l	95
23) Vinyl Acetate	3.82	43	1245754	99.683	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180309	19.770	ug/l	99
25) 2-Butanone	4.70	43	391022	101.100	ug/l	99
26) 2,2-Dichloropropane	4.59	77	116115	16.481	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122773	20.242	ug/l	98
28) Bromochloromethane	5.01	49	78539	19.290	ug/l	96
29) Tetrahydrofuran	5.15	42	262821	103.173	ug/l	99
30) Chloroform	5.21	83	190956	20.218	ug/l	97
31) Cyclohexane	5.58	56	157461	19.004	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	152658	19.142	ug/l	97
36) 1,1-Dichloropropene	5.80	75	139143	19.306	ug/l	99
37) Ethyl Acetate	4.85	43	146620	19.545	ug/l	100
38) Carbon Tetrachloride	5.78	117	128183	18.300	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168128	17.719	ug/l	98
40) Benzene	6.14	78	437642	19.976	ug/l	98
41) Methacrylonitrile	5.06	41	84443	21.202	ug/l	97
42) 1,2-Dichloroethane	6.20	62	148349	19.872	ug/l	98
43) Isopropyl Acetate	6.46	43	225403	19.748	ug/l	99
44) Trichloroethene	7.21	130	125332	18.901	ug/l	94
45) 1,2-Dichloropropane	7.52	63	106652	20.005	ug/l	99
46) Dibromomethane	7.66	93	76351	19.470	ug/l	96
47) Bromodichloromethane	7.90	83	118937	18.268	ug/l	99
48) Methyl methacrylate	7.77	41	121178	20.877	ug/l	99
49) 1,4-Dioxane	7.76	88	66502	426.495	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	780097	107.416	ug/l	99
52) Toluene	8.78	92	284074	20.071	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	121902	17.458	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	144451	18.854	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118850	20.515	ug/l	98
56) Ethyl methacrylate	9.18	69	166000	20.273	ug/l	98
57) 1,3-Dichloropropane	9.37	76	189228	20.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	451135	103.650	ug/l	99
59) 2-Hexanone	9.49	43	598949	107.791	ug/l	99
60) Dibromochloromethane	9.59	129	97683	17.696	ug/l	99
61) 1,2-Dibromoethane	9.67	107	125283	20.343	ug/l	100
64) Tetrachloroethene	9.34	164	124579	19.458	ug/l	98
65) Chlorobenzene	10.14	112	326894	19.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104525	19.586	ug/l	98
67) Ethyl Benzene	10.25	91	550290	19.688	ug/l	98
68) m/p-Xylenes	10.36	106	439699	39.866	ug/l	99
69) o-Xylene	10.70	106	214234	19.670	ug/l	97
70) Styrene	10.71	104	342647	19.886	ug/l	99
71) Bromoform	10.86	173	68842	17.485	ug/l #	99
73) Isopropylbenzene	11.02	105	572141	19.739	ug/l	99
74) N-amyl acetate	10.90	43	208273	20.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	179152	20.782	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	160747m	20.415	ug/l	
77) Bromobenzene	11.26	156	152131	19.413	ug/l	98
78) n-propylbenzene	11.36	91	631174	19.774	ug/l	99
79) 2-Chlorotoluene	11.42	91	376000	19.438	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	470530	19.708	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32505	15.732	ug/l #	84
82) 4-Chlorotoluene	11.51	91	433611	19.542	ug/l	100
83) tert-Butylbenzene	11.77	119	476273	19.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	484014	19.274	ug/l	99
85) sec-Butylbenzene	11.94	105	574432	19.608	ug/l	100
86) p-Isopropyltoluene	12.07	119	510488	19.823	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	279025	19.756	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	276999	19.132	ug/l	98
89) n-Butylbenzene	12.38	91	418198	19.081	ug/l	99
90) Hexachloroethane	12.60	117	61220	17.482	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	279247	19.765	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	33313	18.676	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	186028	19.088	ug/l	99
94) Hexachlorobutadiene	13.78	225	81768	17.801	ug/l	98
95) Naphthalene	13.83	128	608808	19.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189887	18.871	ug/l	99

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

