

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002550.D
 Acq On : 14 Jun 2018 14:35
 Operator : JC/MD
 Sample : VX0614WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:50 PM

Quant Time: Jun 15 01:51:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	374424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200204	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	5.51	113	157913	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	8.72	98	616199	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	11.14	95	226953	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39905	13.959	ug/l	100
3) Chloromethane	1.32	50	45847	11.803	ug/l	96
4) Vinyl Chloride	1.40	62	51326	14.246	ug/l	99
5) Bromomethane	1.64	94	29205	11.772	ug/l	96
6) Chloroethane	1.73	64	35632	15.289	ug/l	98
7) Trichlorofluoromethane	1.93	101	88586	16.137	ug/l	100
8) Diethyl Ether	2.19	74	35018	16.338	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53125	17.933	ug/l	99
10) Methyl Iodide	2.51	142	54385	13.052	ug/l	99
11) Tert butyl alcohol	3.07	59	75009	79.575	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44319	15.138	ug/l	99
13) Acrolein	2.29	56	12344	22.744	ug/l	98
14) Allyl chloride	2.73	41	91286	14.368	ug/l	99
15) Acrylonitrile	3.15	53	154183	85.757	ug/l	100
16) Acetone	2.45	43	156020	79.147	ug/l	98
17) Carbon Disulfide	2.57	76	90467	11.724	ug/l	100
18) Methyl Acetate	2.78	43	74770	17.208	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	189802	17.041	ug/l	99
20) Methylene Chloride	2.86	84	53984	15.452	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48563	15.042	ug/l	97
22) Diisopropyl ether	3.87	45	189047	16.824	ug/l	97
23) Vinyl Acetate	3.82	43	834168	80.991	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100195	15.956	ug/l	98
25) 2-Butanone	4.71	43	213279	79.097	ug/l	97
26) 2,2-Dichloropropane	4.59	77	70243	14.310	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	55661	15.853	ug/l	93
28) Bromochloromethane	5.03	49	47127	15.166	ug/l	97
29) Tetrahydrofuran	5.17	42	135915	78.180	ug/l	98
30) Chloroform	5.21	83	93143	15.372	ug/l	98
31) Cyclohexane	5.57	56	77585	15.625	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	78280	15.233	ug/l	100
36) 1,1-Dichloropropene	5.80	75	63972	15.353	ug/l	99
37) Ethyl Acetate	4.86	43	83938	16.751	ug/l	99
38) Carbon Tetrachloride	5.78	117	66720	15.307	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79298	15.586	ug/l	97
40) Benzene	6.15	78	194913	15.257	ug/l	99
41) Methacrylonitrile	5.07	41	47388	16.520	ug/l	99
42) 1,2-Dichloroethane	6.20	62	82287	16.212	ug/l	100
43) Isopropyl Acetate	6.46	43	135357	15.904	ug/l	99
44) Trichloroethene	7.21	130	56612	15.966	ug/l	97
45) 1,2-Dichloropropane	7.52	63	54252	15.730	ug/l	99
46) Dibromomethane	7.67	93	37579	16.073	ug/l	98
47) Bromodichloromethane	7.90	83	63675	15.058	ug/l	96
48) Methyl methacrylate	7.78	41	67507	15.791	ug/l	97
49) 1,4-Dioxane	7.76	88	28117	351.750	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	439121	82.851	ug/l	100
52) Toluene	8.79	92	128285	15.788	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	76872	15.159	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	71011	14.843	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	55060	16.476	ug/l	99
56) Ethyl methacrylate	9.18	69	85550	16.034	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90524	16.146	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	203048	82.224	ug/l	99
59) 2-Hexanone	9.50	43	333884	81.557	ug/l	99
60) Dibromochloromethane	9.59	129	50224	14.941	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56457	16.202	ug/l	99
64) Tetrachloroethene	9.34	164	60552	15.681	ug/l	98
65) Chlorobenzene	10.14	112	148908	15.983	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	52475	15.555	ug/l	99
67) Ethyl Benzene	10.26	91	253863	16.282	ug/l	99
68) m/p-Xylenes	10.36	106	193420	31.913	ug/l	99
69) o-Xylene	10.70	106	95924	15.904	ug/l	99
70) Styrene	10.71	104	157041	15.927	ug/l	100
71) Bromoform	10.86	173	37218	14.924	ug/l #	100
73) Isopropylbenzene	11.02	105	263556	17.256	ug/l	100
74) N-amyl acetate	6.46	43	135357	16.447	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81939	17.058	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	72746m	15.100	ug/l	
77) Bromobenzene	11.26	156	72852	16.990	ug/l	97
78) n-propylbenzene	11.37	91	299610	17.649	ug/l	100
79) 2-Chlorotoluene	11.43	91	175386	16.362	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	220568	16.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19535	14.214	ug/l	89
82) 4-Chlorotoluene	11.51	91	209608	16.941	ug/l	100
83) tert-Butylbenzene	11.77	119	218445	17.124	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	226990	16.833	ug/l	99
85) sec-Butylbenzene	11.95	105	269639	18.030	ug/l	99
86) p-Isopropyltoluene	12.07	119	243389	17.867	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	130971	17.083	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132849	16.811	ug/l	98
89) n-Butylbenzene	12.39	91	211823	18.541	ug/l	100
90) Hexachloroethane	12.60	117	32248	14.830	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	134359	16.938	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16276	15.494	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102049	18.347	ug/l	99
94) Hexachlorobutadiene	13.79	225	53440	19.443	ug/l	98
95) Naphthalene	13.84	128	280733	17.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102209	18.018	ug/l	99

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

