

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002569.D
 Acq On : 14 Jun 2018 23:51
 Operator : JC/MD
 Sample : VX0614WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:56 PM

Quant Time: Jun 15 03:32:43 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	244996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177280	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.51	113	139233	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	8.72	98	542592	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	202990	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31038	12.187	ug/l	100
3) Chloromethane	1.32	50	44930	13.288	ug/l	100
4) Vinyl Chloride	1.40	62	48224	15.024	ug/l	99
5) Bromomethane	1.64	94	31392	14.942	ug/l	99
6) Chloroethane	1.73	64	33146	15.964	ug/l	100
7) Trichlorofluoromethane	1.93	101	78996	16.153	ug/l	99
8) Diethyl Ether	2.19	74	34777	18.502	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43632	16.533	ug/l	100
10) Methyl Iodide	2.51	142	53106	14.306	ug/l	98
11) Tert butyl alcohol	3.07	59	67363	80.391	ug/l	97
12) 1,1-Dichloroethene	2.37	96	42572	16.323	ug/l	98
13) Acrolein	2.29	56	12187	26.304	ug/l	97
14) Allyl chloride	2.73	41	87406	15.442	ug/l	99
15) Acrylonitrile	3.15	53	154060	97.410	ug/l	99
16) Acetone	2.45	43	144294	82.956	ug/l	98
17) Carbon Disulfide	2.57	76	84099	12.234	ug/l	100
18) Methyl Acetate	2.78	43	74205	19.496	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	189757	19.431	ug/l	99
20) Methylene Chloride	2.86	84	53958	17.693	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47479	16.508	ug/l	96
22) Diisopropyl ether	3.88	45	169970	16.994	ug/l	98
23) Vinyl Acetate	3.83	43	723730	78.875	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85859	15.348	ug/l	98
25) 2-Butanone	4.71	43	200021	83.267	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49973	11.428	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	52192	16.686	ug/l	93
28) Bromochloromethane	5.03	49	45972	16.971	ug/l	98
29) Tetrahydrofuran	5.17	42	129157	83.393	ug/l	98
30) Chloroform	5.21	83	91266	16.907	ug/l	98
31) Cyclohexane	5.58	56	59718	13.500	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	73003	15.946	ug/l	100
36) 1,1-Dichloropropene	5.80	75	57815	15.727	ug/l	98
37) Ethyl Acetate	4.87	43	78792	17.823	ug/l	100
38) Carbon Tetrachloride	5.79	117	60015	15.606	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59343	13.260	ug/l	95
40) Benzene	6.15	78	188914	16.760	ug/l	99
41) Methacrylonitrile	5.07	41	45189	17.856	ug/l	99
42) 1,2-Dichloroethane	6.20	62	78749	17.585	ug/l	100
43) Isopropyl Acetate	6.47	43	129746	17.279	ug/l	99
44) Trichloroethene	7.21	130	53124	16.982	ug/l	96
45) 1,2-Dichloropropane	7.52	63	51020	16.767	ug/l	100
46) Dibromomethane	7.67	93	35483	17.201	ug/l	100
47) Bromodichloromethane	7.90	83	61626	16.518	ug/l	96
48) Methyl methacrylate	7.78	41	64507	17.102	ug/l	96
49) 1,4-Dioxane	7.76	88	23254	329.730	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	430968	92.162	ug/l	100
52) Toluene	8.79	92	120966	16.874	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	69928	15.630	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	65205	15.448	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53874	18.272	ug/l	100
56) Ethyl methacrylate	9.18	69	80363	17.072	ug/l	98
57) 1,3-Dichloropropane	9.38	76	87884	17.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196963	90.402	ug/l	99
59) 2-Hexanone	9.50	43	322970	89.418	ug/l	99
60) Dibromochloromethane	9.59	129	48521	16.361	ug/l	99
61) 1,2-Dibromoethane	9.68	107	54058	17.584	ug/l	99
64) Tetrachloroethene	9.34	164	57707	16.925	ug/l	96
65) Chlorobenzene	10.14	112	142986	17.381	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	50741	17.035	ug/l	99
67) Ethyl Benzene	10.26	91	233909	16.991	ug/l	98
68) m/p-Xylenes	10.36	106	178509	33.356	ug/l	100
69) o-Xylene	10.70	106	89869	16.875	ug/l	99
70) Styrene	10.71	104	148918	17.105	ug/l	99
71) Bromoform	10.86	173	35569	15.869	ug/l #	99
73) Isopropylbenzene	11.02	105	241816	16.897	ug/l	99
74) N-amyl acetate	6.47	43	129746	16.825	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	78706	17.486	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78707m	17.436	ug/l	
77) Bromobenzene	11.26	156	66831	16.634	ug/l	98
78) n-propylbenzene	11.37	91	269039	16.914	ug/l	100
79) 2-Chlorotoluene	11.43	91	166360	16.563	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200275	16.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16437	12.764	ug/l	87
82) 4-Chlorotoluene	11.51	91	193708	16.709	ug/l	100
83) tert-Butylbenzene	11.77	119	196182	16.412	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	209027	16.543	ug/l	99
85) sec-Butylbenzene	11.95	105	235170	16.782	ug/l	100
86) p-Isopropyltoluene	12.07	119	211179	16.545	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120164	16.727	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122069	16.485	ug/l	99
89) n-Butylbenzene	12.39	91	177436	16.575	ug/l	100
90) Hexachloroethane	12.60	117	29750	14.601	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	126025	16.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16354	16.615	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86200	16.540	ug/l	98
94) Hexachlorobutadiene	13.79	225	41843	16.247	ug/l	99
95) Naphthalene	13.84	128	260757	17.414	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92494	17.402	ug/l	99

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

