

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072418\
 Data File : VX003647.D
 Acq On : 24 Jul 2018 18:28
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 11:54:18 AM

Quant Time: Jul 25 04:24:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 03:58:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	171204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	167632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	245719	171.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	343.42%	
35) Dibromofluoromethane	5.50	113	206431	154.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.50%	
50) Toluene-d8	8.72	98	780176	155.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.84%	
62) 4-Bromofluorobenzene	11.14	95	306933	167.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	187103	170.181	ug/l	94
3) Chloromethane	1.32	50	244608	177.534	ug/l	96
4) Vinyl Chloride	1.40	62	250699	167.375	ug/l	97
5) Bromomethane	1.63	94	127385	147.340	ug/l	94
6) Chloroethane	1.70	64	110666	122.252	ug/l	98
7) Trichlorofluoromethane	1.91	101	316303	157.503	ug/l	98
8) Diethyl Ether	2.19	74	143016	165.947	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	196440	151.003	ug/l	99
10) Methyl Iodide	2.50	142	292272	184.947	ug/l	99
11) Tert butyl alcohol	3.10	59	310724	1054.474	ug/l	99
12) 1,1-Dichloroethene	2.36	96	192709	160.599	ug/l	99
13) Acrolein	2.29	56	155519	1108.940	ug/l	97
14) Allyl chloride	2.72	41	390607	177.678	ug/l	98
15) Acrylonitrile	3.16	53	703661	958.663	ug/l	97
16) Acetone	2.46	43	565405	1010.661	ug/l	99
17) Carbon Disulfide	2.56	76	574471	160.825	ug/l	100
18) Methyl Acetate	2.78	43	337773	193.483	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	677515	170.180	ug/l	97
20) Methylene Chloride	2.85	84	223587	150.217	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	207946	155.646	ug/l	99
22) Diisopropyl ether	3.88	45	729768	177.252	ug/l	89
23) Vinyl Acetate	3.83	43	3205133	936.445	ug/l	99
24) 1,1-Dichloroethane	3.69	63	398261	167.464	ug/l	99
25) 2-Butanone	4.72	43	898066	971.571	ug/l	94
26) 2,2-Dichloropropane	4.58	77	255622	145.441	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	225855	152.885	ug/l	93
28) Bromochloromethane	5.02	49	153550	150.756	ug/l	97
29) Tetrahydrofuran	5.18	42	595929	970.271	ug/l	98
30) Chloroform	5.22	83	377327	164.162	ug/l	97
31) Cyclohexane	5.57	56	347548	165.400	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	322275	163.740	ug/l	98
36) 1,1-Dichloropropene	5.79	75	294292	156.696	ug/l	99
37) Ethyl Acetate	4.87	43	341032	183.617	ug/l	100
38) Carbon Tetrachloride	5.78	117	286236	156.254	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339420	152.614	ug/l	99
40) Benzene	6.15	78	880034	154.555	ug/l	100
41) Methacrylonitrile	5.08	41	195020	179.410	ug/l	98
42) 1,2-Dichloroethane	6.20	62	295578	161.695	ug/l	98
43) Isopropyl Acetate	6.48	43	545945	185.985	ug/l	99
44) Trichloroethene	7.21	130	226819	136.341	ug/l	98
45) 1,2-Dichloropropane	7.52	63	226778	156.352	ug/l	100
46) Dibromomethane	7.66	93	145772	156.660	ug/l	99
47) Bromodichloromethane	7.90	83	284850	166.556	ug/l	99
48) Methyl methacrylate	7.79	41	280877	189.470	ug/l	100
49) 1,4-Dioxane	7.77	88	127023	3801.035	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1864491	996.397	ug/l	99
52) Toluene	8.79	92	545551	152.987	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	399687	190.468	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	336852	178.017	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	224567	157.380	ug/l	99
56) Ethyl methacrylate	9.19	69	381877	187.909	ug/l	99
57) 1,3-Dichloropropane	9.38	76	387166	166.955	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	929427	930.269	ug/l	98
59) 2-Hexanone	9.51	43	1476450	1056.113	ug/l	98
60) Dibromochloromethane	9.59	129	237095	169.068	ug/l	98
61) 1,2-Dibromoethane	9.68	107	242094	163.784	ug/l	96
64) Tetrachloroethene	9.34	164	224852	114.681	ug/l	87
65) Chlorobenzene	10.14	112	620918	143.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	226201	152.340	ug/l	100
67) Ethyl Benzene	10.26	91	1083239	154.728	ug/l	100
68) m/p-Xylenes	10.37	106	842175	307.927	ug/l	99
69) o-Xylene	10.70	106	409745	155.182	ug/l	100
70) Styrene	10.71	104	709569	162.886	ug/l	100
71) Bromoform	10.86	173	203869	176.426	ug/l #	99
73) Isopropylbenzene	11.02	105	1086649	142.357	ug/l	100
74) N-amyl acetate	6.48	43	545945	162.231	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	394628	170.325	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	322864m	158.728	ug/l	
77) Bromobenzene	11.26	156	292439	134.510	ug/l	99
78) n-propylbenzene	11.37	91	1275228	149.159	ug/l	99
79) 2-Chlorotoluene	11.43	91	753656	145.321	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	953284	151.048	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	129001	201.075	ug/l	95
82) 4-Chlorotoluene	11.51	91	910141	149.510	ug/l	100
83) tert-Butylbenzene	11.77	119	939185	152.186	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	980471	152.546	ug/l	99
85) sec-Butylbenzene	11.95	105	1108787	148.139	ug/l	99
86) p-Isopropyltoluene	12.07	119	1004921	149.799	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	553937	137.952	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	566885	136.815	ug/l	100
89) n-Butylbenzene	12.39	91	929945	161.966	ug/l	100
90) Hexachloroethane	12.60	117	161416	167.673	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	572684	144.530	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	90844	198.055	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	429123	148.023	ug/l	100
94) Hexachlorobutadiene	13.79	225	188210	136.412	ug/l	99
95) Naphthalene	13.84	128	1332653	170.733	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	429835	148.926	ug/l	100

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

