

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072418\
 Data File : VX003648.D
 Acq On : 24 Jul 2018 18:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX072418

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 04:37:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	181291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	174291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	88055	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	5.51	113	73246	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.72	98	274455	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.14	95	101674	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65132	46.004	ug/l	100
3) Chloromethane	1.32	50	83988	45.033	ug/l	99
4) Vinyl Chloride	1.40	62	90293	47.336	ug/l	97
5) Bromomethane	1.64	94	50647	54.986	ug/l	95
6) Chloroethane	1.72	64	54718	41.819	ug/l	99
7) Trichlorofluoromethane	1.92	101	118468	48.248	ug/l	97
8) Diethyl Ether	2.19	74	51478	47.846	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72272	47.826	ug/l	99
10) Methyl Iodide	2.51	142	101497	49.838	ug/l	99
11) Tert butyl alcohol	3.09	59	102544	232.964	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69242	48.157	ug/l	95
13) Acrolein	2.29	56	55317	248.558	ug/l	97
14) Allyl chloride	2.73	41	139969	46.699	ug/l	98
15) Acrylonitrile	3.15	53	252604	237.516	ug/l	100
16) Acetone	2.45	43	202018	233.522	ug/l	99
17) Carbon Disulfide	2.57	76	201288	48.668	ug/l	100
18) Methyl Acetate	2.78	43	123031	47.088	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	249083	49.050	ug/l	96
20) Methylene Chloride	2.86	84	81031	47.272	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	74057	47.898	ug/l	89
22) Diisopropyl ether	3.88	45	266479	48.693	ug/l	95
23) Vinyl Acetate	3.83	43	1152500	245.839	ug/l	100
24) 1,1-Dichloroethane	3.70	63	145288	47.103	ug/l	99
25) 2-Butanone	4.72	43	326426	244.252	ug/l	95
26) 2,2-Dichloropropane	4.59	77	86812	44.514	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	80116	47.725	ug/l	99
28) Bromochloromethane	5.03	49	55223	44.615	ug/l	100
29) Tetrahydrofuran	5.17	42	207877	238.947	ug/l	96
30) Chloroform	5.22	83	132897	47.502	ug/l	98
31) Cyclohexane	5.57	56	126864	51.240	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	112171	48.278	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105075	49.586	ug/l	98
37) Ethyl Acetate	4.87	43	122836	48.207	ug/l	99
38) Carbon Tetrachloride	5.79	117	100331	49.123	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	120177	51.522	ug/l	99
40) Benzene	6.15	78	315382	50.292	ug/l	100
41) Methacrylonitrile	5.07	41	66811	47.350	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106689	48.337	ug/l	99
43) Isopropyl Acetate	6.47	43	188035	50.585	ug/l	99
44) Trichloroethene	7.21	130	82637	49.150	ug/l	99
45) 1,2-Dichloropropane	7.52	63	81103	50.033	ug/l	99
46) Dibromomethane	7.67	93	52174	50.103	ug/l	99
47) Bromodichloromethane	7.90	83	97036	49.701	ug/l	99
48) Methyl methacrylate	7.78	41	96900	51.370	ug/l	100
49) 1,4-Dioxane	7.76	88	42082	999.957	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	624653	249.053	ug/l	100
52) Toluene	8.79	92	194001	49.770	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	130973	55.060	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	111443	51.554	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78290	49.136	ug/l	98
56) Ethyl methacrylate	9.19	69	126388	53.303	ug/l	99
57) 1,3-Dichloropropane	9.38	76	132008	49.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	324406	272.264	ug/l	99
59) 2-Hexanone	9.50	43	486214	252.718	ug/l	100
60) Dibromochloromethane	9.59	129	78293	51.806	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82670	49.828	ug/l	100
64) Tetrachloroethene	9.34	164	76584	48.061	ug/l	99
65) Chlorobenzene	10.14	112	214201	48.834	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	75917	49.784	ug/l	100
67) Ethyl Benzene	10.26	91	372669	50.757	ug/l	100
68) m/p-Xylenes	10.36	106	286635	101.762	ug/l	99
69) o-Xylene	10.70	106	138876	51.215	ug/l	100
70) Styrene	10.71	104	236871	52.002	ug/l	100
71) Bromoform	10.86	173	60807	50.428	ug/l #	99
73) Isopropylbenzene	11.02	105	371597	51.879	ug/l	99
74) N-amyl acetate	6.47	43	188035	50.334	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	126734	47.913	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	108815m	49.486	ug/l	
77) Bromobenzene	11.26	156	96955	49.838	ug/l	99
78) n-propylbenzene	11.37	91	433855	52.456	ug/l	100
79) 2-Chlorotoluene	11.43	91	253691	50.466	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	316788	52.276	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	37091	52.262	ug/l	99
82) 4-Chlorotoluene	11.51	91	300339	50.720	ug/l	100
83) tert-Butylbenzene	11.77	119	307178	51.803	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	326836	52.477	ug/l	100
85) sec-Butylbenzene	11.95	105	370649	52.370	ug/l	100
86) p-Isopropyltoluene	12.07	119	334437	52.647	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	181448	50.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184528	48.988	ug/l	100
89) n-Butylbenzene	12.39	91	294786	51.486	ug/l	100
90) Hexachloroethane	12.60	117	48980	50.913	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	183243	49.503	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27726	50.355	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	133884	50.688	ug/l	100
94) Hexachlorobutadiene	13.79	225	60080	49.165	ug/l	99
95) Naphthalene	13.84	128	424846	53.180	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136919	51.032	ug/l	99

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

