

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103118\
 Data File : VX005709.D
 Acq On : 31 Oct 2018 15:20
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:22 AM

Quant Time: Oct 31 15:48:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 15:44:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	117953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	185361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89667	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	82204	57.09	ug/l	0.00
Spiked Amount			Recovery	=	114.18%	
35) Dibromofluoromethane	5.50	113	60810	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	220310	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.14	95	81214	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	75918	65.208	ug/l	99
3) Chloromethane	1.32	50	80580	54.348	ug/l	94
4) Vinyl Chloride	1.41	62	87331	59.902	ug/l	97
5) Bromomethane	1.64	94	95826	105.633	ug/l	94
6) Chloroethane	1.71	64	51495	55.291	ug/l	100
7) Trichlorofluoromethane	1.92	101	107633	53.132	ug/l	97
8) Diethyl Ether	2.19	74	47307	58.517	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62855	54.079	ug/l	90
10) Methyl Iodide	2.51	142	65137	59.311	ug/l	99
11) Tert butyl alcohol	3.08	59	118011	304.578	ug/l	99
12) 1,1-Dichloroethene	2.37	96	59913	54.111	ug/l	88
13) Acrolein	2.30	56	82535	417.592	ug/l	100
14) Allyl chloride	2.73	41	130220	52.697	ug/l	95
15) Acrylonitrile	3.15	53	256775	295.542	ug/l	98
16) Acetone	2.45	43	230958	303.559	ug/l	92
17) Carbon Disulfide	2.57	76	184468	54.654	ug/l	100
18) Methyl Acetate	2.78	43	117400	55.083	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	222750	56.398	ug/l	95
20) Methylene Chloride	2.85	84	71247	55.912	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	63493	52.520	ug/l	89
22) Diisopropyl ether	3.87	45	241691	56.008	ug/l #	93
23) Vinyl Acetate	3.82	43	1099511	289.308	ug/l	97
24) 1,1-Dichloroethane	3.70	63	135211	57.632	ug/l	98
25) 2-Butanone	4.70	43	364637	314.724	ug/l	100
26) 2,2-Dichloropropane	4.57	77	101035	55.780	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	73224	56.183	ug/l	93
28) Bromochloromethane	5.02	49	65410	57.644	ug/l	91
29) Tetrahydrofuran	5.15	42	228238	302.708	ug/l	95
30) Chloroform	5.21	83	131023	59.703	ug/l	93
31) Cyclohexane	5.58	56	117905	60.739	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	107227	55.359	ug/l	96
36) 1,1-Dichloropropene	5.80	75	99502	55.314	ug/l	97
37) Ethyl Acetate	4.86	43	126046	54.910	ug/l	97
38) Carbon Tetrachloride	5.79	117	91026	48.045	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107219	53.978	ug/l	97
40) Benzene	6.14	78	298969	57.978	ug/l	96
41) Methacrylonitrile	5.06	41	70480	55.120	ug/l	96
42) 1,2-Dichloroethane	6.20	62	110156	56.233	ug/l	99
43) Isopropyl Acetate	6.46	43	192000	55.817	ug/l	97
44) Trichloroethene	7.21	130	67281	47.894	ug/l	98
45) 1,2-Dichloropropane	7.51	63	79927	57.652	ug/l	96
46) Dibromomethane	7.66	93	46376	51.794	ug/l	89
47) Bromodichloromethane	7.90	83	92987	53.507	ug/l	99
48) Methyl methacrylate	7.77	41	94042	56.120	ug/l	98
49) 1,4-Dioxane	7.76	88	40818	1114.617	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	658732	284.948	ug/l	98
52) Toluene	8.79	92	170084	54.272	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106045	56.461	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	111235	55.008	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	72389	54.787	ug/l	97
56) Ethyl methacrylate	9.18	69	115932	58.825	ug/l	97
57) 1,3-Dichloropropane	9.37	76	120199	53.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	331514	301.181	ug/l	92
59) 2-Hexanone	9.50	43	543259	298.050	ug/l	99
60) Dibromochloromethane	9.59	129	70584	51.202	ug/l	96
61) 1,2-Dibromoethane	9.68	107	77294	56.546	ug/l	100
64) Tetrachloroethene	9.34	164	64153	45.509	ug/l	95
65) Chlorobenzene	10.14	112	178481	49.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62334	47.275	ug/l	98
67) Ethyl Benzene	10.25	91	320484	53.867	ug/l	97
68) m/p-Xylenes	10.36	106	241424	104.593	ug/l	93
69) o-Xylene	10.70	106	116011	53.421	ug/l	96
70) Styrene	10.71	104	195859	53.876	ug/l	97
71) Bromoform	10.86	173	51437	43.717	ug/l #	97
73) Isopropylbenzene	11.02	105	317013	57.837	ug/l	99
74) N-amyl acetate	10.90	43	168267	61.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	123524	61.085	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	112209m	59.063	ug/l	
77) Bromobenzene	11.26	156	74926	49.050	ug/l	87
78) n-propylbenzene	11.36	91	386185	61.617	ug/l	95
79) 2-Chlorotoluene	11.42	91	225081	57.920	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	273959	58.427	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36224	62.302	ug/l	97
82) 4-Chlorotoluene	11.51	91	268256	58.542	ug/l	96
83) tert-Butylbenzene	11.77	119	255363	54.636	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	278268	58.556	ug/l	98
85) sec-Butylbenzene	11.94	105	327366	58.698	ug/l	97
86) p-Isopropyltoluene	12.07	119	279560	56.073	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	142503	49.609	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	143832	47.969	ug/l	97
89) n-Butylbenzene	12.39	91	275562	61.224	ug/l	98
90) Hexachloroethane	12.60	117	47627	55.388	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	145022	49.901	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29028	59.369	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97582	46.319	ug/l	99
94) Hexachlorobutadiene	13.79	225	44556	40.812	ug/l	99
95) Naphthalene	13.83	128	351029	57.322	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101794	47.666	ug/l	98

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

