

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016081.D
 Acq On : 06 May 2020 16:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:55:05 AM

Quant Time: May 07 07:26:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	315864	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	482435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185720	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
35) Dibromofluoromethane	5.46	113	144734	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	8.70	98	566288	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.12	95	216592	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	161972	48.446	ug/l	100
3) Chloromethane	1.31	50	178020	45.849	ug/l	98
4) Vinyl Chloride	1.39	62	192476	46.464	ug/l	100
5) Bromomethane	1.62	94	91103	43.623	ug/l	99
6) Chloroethane	1.70	64	120386	47.763	ug/l	99
7) Trichlorofluoromethane	1.91	101	258565	47.544	ug/l	100
8) Diethyl Ether	2.17	74	106206	46.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146974	46.842	ug/l	98
10) Methyl Iodide	2.49	142	198407	47.076	ug/l	99
11) Tert butyl alcohol	3.01	59	237602	226.060	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150467	45.826	ug/l	98
13) Acrolein	2.27	56	132560	201.546	ug/l	99
14) Allyl chloride	2.70	41	285710	47.457	ug/l	99
15) Acrylonitrile	3.11	53	508114	233.034	ug/l	99
16) Acetone	2.42	43	424506	228.897	ug/l	99
17) Carbon Disulfide	2.55	76	460509	46.689	ug/l	99
18) Methyl Acetate	2.75	43	214612	47.065	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	548000	48.414	ug/l	99
20) Methylene Chloride	2.83	84	174018	45.517	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	167998	45.914	ug/l	98
22) Diisopropyl ether	3.82	45	546245	48.095	ug/l	99
23) Vinyl Acetate	3.78	43	2432361	243.422	ug/l	100
24) 1,1-Dichloroethane	3.67	63	305606	48.100	ug/l	100
25) 2-Butanone	4.63	43	699341	234.014	ug/l	99
26) 2,2-Dichloropropane	4.55	77	277974	47.907	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	189734	47.432	ug/l	100
28) Bromochloromethane	4.98	49	134941	46.578	ug/l	99
29) Tetrahydrofuran	5.08	42	462463	233.548	ug/l	99
30) Chloroform	5.17	83	303178	47.926	ug/l	98
31) Cyclohexane	5.54	56	278782	48.281	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	275290	47.875	ug/l	99
36) 1,1-Dichloropropene	5.76	75	234846	49.453	ug/l	99
37) Ethyl Acetate	4.79	43	269236	48.915	ug/l	99
38) Carbon Tetrachloride	5.75	117	245399	50.840	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	288339	50.418	ug/l	98
40) Benzene	6.11	78	686740	49.423	ug/l	98
41) Methacrylonitrile	5.00	41	144988	48.777	ug/l	99
42) 1,2-Dichloroethane	6.16	62	246096	49.166	ug/l	100
43) Isopropyl Acetate	6.41	43	434699	49.499	ug/l	100
44) Trichloroethene	7.18	130	242592	49.144	ug/l	98
45) 1,2-Dichloropropane	7.49	63	176859	50.302	ug/l	99
46) Dibromomethane	7.63	93	118632	49.651	ug/l	99
47) Bromodichloromethane	7.87	83	246338	50.622	ug/l	100
48) Methyl methacrylate	7.74	41	206567	49.640	ug/l	100
49) 1,4-Dioxane	7.71	88	95546	957.351	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1342058	249.729	ug/l	100
52) Toluene	8.76	92	433856	50.093	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	287776	49.599	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	302848	49.973	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	170684	50.090	ug/l	99
56) Ethyl methacrylate	9.16	69	283659	50.998	ug/l	99
57) 1,3-Dichloropropane	9.35	76	299174	50.317	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	741320	250.346	ug/l	100
59) 2-Hexanone	9.47	43	1039925	246.405	ug/l	99
60) Dibromochloromethane	9.57	129	193862	51.656	ug/l	100
61) 1,2-Dibromoethane	9.65	107	184251	49.919	ug/l	100
64) Tetrachloroethene	9.32	164	274371	49.982	ug/l	98
65) Chlorobenzene	10.12	112	463181	49.470	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	175379	50.678	ug/l	99
67) Ethyl Benzene	10.24	91	833190	49.874	ug/l	100
68) m/p-Xylenes	10.34	106	639319	102.143	ug/l	100
69) o-Xylene	10.68	106	304662	50.638	ug/l	100
70) Styrene	10.70	104	523582	51.297	ug/l	100
71) Bromoform	10.84	173	147140	52.187	ug/l #	100
73) Isopropylbenzene	11.00	105	814876	49.634	ug/l	100
74) N-amyl acetate	10.88	43	372267	48.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	149848	46.902	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	253909m	49.571	ug/l	
77) Bromobenzene	11.24	156	204435	48.242	ug/l	99
78) n-propylbenzene	11.34	91	954976	50.000	ug/l	99
79) 2-Chlorotoluene	11.40	91	559373	49.617	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	699877	50.489	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	107211	49.880	ug/l	98
82) 4-Chlorotoluene	11.49	91	658563	49.467	ug/l	100
83) tert-Butylbenzene	11.76	119	598157	50.071	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	705223	50.322	ug/l	99
85) sec-Butylbenzene	11.93	105	809192	50.169	ug/l	100
86) p-Isopropyltoluene	12.05	119	762285	50.903	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	372022	48.893	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	371192	48.064	ug/l	100
89) n-Butylbenzene	12.37	91	683246	49.942	ug/l	100
90) Hexachloroethane	12.58	117	130508	50.744	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	352246	48.078	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62814	46.530	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	262288	48.354	ug/l	99
94) Hexachlorobutadiene	13.77	225	124692	53.349	ug/l	98
95) Naphthalene	13.82	128	850221	48.407	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	258812	48.821	ug/l	98

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

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