

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016071.D
 Acq On : 05 May 2020 17:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:50 PM

Quant Time: May 06 09:32:38 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	5.63	168	301320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227546	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	180317	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	5.47	113	141082	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
50) Toluene-d8	8.70	98	549566	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.12	95	210870	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	156274	48.998	ug/l	98
3) Chloromethane	1.31	50	174093	47.002	ug/l	99
4) Vinyl Chloride	1.39	62	187621	47.478	ug/l	100
5) Bromomethane	1.62	94	98250	49.316	ug/l	97
6) Chloroethane	1.71	64	117652	48.931	ug/l	98
7) Trichlorofluoromethane	1.92	101	251333	48.445	ug/l	99
8) Diethyl Ether	2.17	74	102901	47.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146630	48.988	ug/l	99
10) Methyl Iodide	2.49	142	186647	46.424	ug/l	100
11) Tert butyl alcohol	3.02	59	240763	240.124	ug/l	100
12) 1,1-Dichloroethene	2.36	96	151191	48.269	ug/l	97
13) Acrolein	2.28	56	124147	197.865	ug/l	99
14) Allyl chloride	2.71	41	277109	48.250	ug/l	98
15) Acrylonitrile	3.12	53	509147	244.779	ug/l	99
16) Acetone	2.42	43	425690	240.615	ug/l	99
17) Carbon Disulfide	2.55	76	454888	48.353	ug/l	100
18) Methyl Acetate	2.75	43	211272	48.568	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	536189	49.657	ug/l	99
20) Methylene Chloride	2.84	84	170693	46.802	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	164322	47.077	ug/l	99
22) Diisopropyl ether	3.82	45	532678	49.164	ug/l	99
23) Vinyl Acetate	3.79	43	2391903	250.927	ug/l	100
24) 1,1-Dichloroethane	3.67	63	298791	49.298	ug/l	100
25) 2-Butanone	4.64	43	709250	248.785	ug/l	99
26) 2,2-Dichloropropane	4.56	77	259932	46.960	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	185525	48.618	ug/l	99
28) Bromochloromethane	4.98	49	130432	47.195	ug/l	99
29) Tetrahydrofuran	5.09	42	466244	246.823	ug/l	100
30) Chloroform	5.18	83	295712	49.002	ug/l	99
31) Cyclohexane	5.55	56	271271	49.248	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	268006	48.858	ug/l	99
36) 1,1-Dichloropropene	5.77	75	226094	47.287	ug/l	100
37) Ethyl Acetate	4.79	43	271810	49.049	ug/l	99
38) Carbon Tetrachloride	5.76	117	239010	49.181	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	280548	48.724	ug/l	98
40) Benzene	6.12	78	674002	48.178	ug/l	99
41) Methacrylonitrile	5.01	41	144489	48.280	ug/l	99
42) 1,2-Dichloroethane	6.17	62	240795	47.781	ug/l	100
43) Isopropyl Acetate	6.42	43	430985	48.744	ug/l	99
44) Trichloroethene	7.19	130	224337	45.138	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172521	48.736	ug/l	97
46) Dibromomethane	7.64	93	115995	48.219	ug/l	100
47) Bromodichloromethane	7.88	83	241126	49.216	ug/l	99
48) Methyl methacrylate	7.74	41	205400	49.025	ug/l	99
49) 1,4-Dioxane	7.71	88	95230	947.726	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1350241	249.550	ug/l	99
52) Toluene	8.77	92	426363	48.895	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	282747	48.403	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	293988	48.182	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	169387	49.373	ug/l	99
56) Ethyl methacrylate	9.16	69	282910	50.519	ug/l	98
57) 1,3-Dichloropropane	9.35	76	294994	49.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	737950	247.521	ug/l	99
59) 2-Hexanone	9.48	43	1050186	247.152	ug/l	99
60) Dibromochloromethane	9.57	129	191082	50.571	ug/l	99
61) 1,2-Dibromoethane	9.65	107	184609	49.678	ug/l	100
64) Tetrachloroethene	9.32	164	260517	46.741	ug/l	96
65) Chlorobenzene	10.12	112	448985	47.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	172966	49.226	ug/l	98
67) Ethyl Benzene	10.24	91	820815	48.391	ug/l	99
68) m/p-Xylenes	10.34	106	620202	97.592	ug/l	99
69) o-Xylene	10.68	106	297682	48.731	ug/l	99
70) Styrene	10.70	104	514695	49.665	ug/l	100
71) Bromoform	10.84	173	144376	50.433	ug/l #	99
73) Isopropylbenzene	11.00	105	799290	48.294	ug/l	99
74) N-amyl acetate	10.88	43	376436	48.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176017	53.652	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	250926m	48.596	ug/l	
77) Bromobenzene	11.24	156	201543	47.179	ug/l	99
78) n-propylbenzene	11.35	91	932486	48.431	ug/l	100
79) 2-Chlorotoluene	11.40	91	548357	48.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	683487	48.912	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	105227	48.564	ug/l	100
82) 4-Chlorotoluene	11.49	91	650342	48.458	ug/l	99
83) tert-Butylbenzene	11.76	119	587351	48.772	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	692845	49.042	ug/l	99
85) sec-Butylbenzene	11.93	105	781923	48.089	ug/l	100
86) p-Isopropyltoluene	12.05	119	727451	48.187	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	359353	46.849	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	357075	45.866	ug/l	99
89) n-Butylbenzene	12.37	91	654926	47.488	ug/l	99
90) Hexachloroethane	12.58	117	127289	49.096	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	344433	46.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64047	47.063	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	263627	48.211	ug/l	96
94) Hexachlorobutadiene	13.77	225	115860	49.214	ug/l	97
95) Naphthalene	13.82	128	856332	48.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	252458	47.240	ug/l	99

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

