

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071720\
 Data File : VX017411.D
 Acq On : 17 Jul 2020 11:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:50:12 AM

Quant Time: Jul 18 07:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	342759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	512182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	485662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	261921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	202401	47.05	ug/l	0.00
Spiked Amount						
			Recovery	=	94.10%	
35) Dibromofluoromethane	5.46	113	169571	49.15	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.30%	
50) Toluene-d8	8.70	98	612924	49.25	ug/l	0.00
Spiked Amount						
			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.12	95	239358	48.42	ug/l	0.00
Spiked Amount						
			Recovery	=	96.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	160296	55.268	ug/l	99
3) Chloromethane	1.31	50	169962	52.052	ug/l	96
4) Vinyl Chloride	1.39	62	169858	52.584	ug/l	99
5) Bromomethane	1.62	94	105337	50.093	ug/l	99
6) Chloroethane	1.71	64	104438	51.222	ug/l	95
7) Trichlorofluoromethane	1.92	101	270150	49.551	ug/l	97
8) Diethyl Ether	2.17	74	94131	48.844	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	151368	48.738	ug/l	97
10) Methyl Iodide	2.49	142	202262	49.179	ug/l	100
11) Tert butyl alcohol	3.01	59	161643	223.019	ug/l	99
12) 1,1-Dichloroethene	2.36	96	143042	45.858	ug/l	99
13) Acrolein	2.27	56	35060	88.242	ug/l	98
14) Allyl chloride	2.70	41	286942	53.090	ug/l	96
15) Acrylonitrile	3.11	53	442613	251.911	ug/l	100
16) Acetone	2.42	43	344292	224.333	ug/l	96
17) Carbon Disulfide	2.55	76	462798	50.861	ug/l	99
18) Methyl Acetate	2.75	43	197071	51.988	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	536821	50.685	ug/l	100
20) Methylene Chloride	2.83	84	186101	49.699	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	180322	50.527	ug/l	97
22) Diisopropyl ether	3.82	45	568216	55.191	ug/l	90
23) Vinyl Acetate	3.78	43	2464228	272.156	ug/l	99
24) 1,1-Dichloroethane	3.67	63	311863	51.543	ug/l	99
25) 2-Butanone	4.63	43	589090	241.666	ug/l	98
26) 2,2-Dichloropropane	4.55	77	280679	49.845	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	194841	49.786	ug/l	99
28) Bromochloromethane	4.98	49	158530	56.717	ug/l	93
29) Tetrahydrofuran	5.09	42	389955	247.133	ug/l	97
30) Chloroform	5.17	83	327779	50.352	ug/l	98
31) Cyclohexane	5.54	56	265195	53.539	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	294426	48.924	ug/l	98
36) 1,1-Dichloropropene	5.76	75	242202	51.411	ug/l	99
37) Ethyl Acetate	4.79	43	236098	48.459	ug/l	99
38) Carbon Tetrachloride	5.75	117	270218	48.989	ug/l	94

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39) Methylcyclohexane	7.44	83	271007	52.972	ug/l	97
40) Benzene	6.11	78	696190	51.420	ug/l	97
41) Methacrylonitrile	5.00	41	131715	50.358	ug/l	98
42) 1,2-Dichloroethane	6.16	62	259493	49.330	ug/l	100
43) Isopropyl Acetate	6.41	43	386573	49.655	ug/l	99
44) Trichloroethene	7.18	130	196232	47.449	ug/l	95
45) 1,2-Dichloropropane	7.49	63	184896	53.371	ug/l	99
46) Dibromomethane	7.63	93	127234	50.924	ug/l	94
47) Bromodichloromethane	7.87	83	264639	50.662	ug/l	96
48) Methyl methacrylate	7.74	41	193936	51.911	ug/l	99
49) 1,4-Dioxane	7.71	88	73960	967.397	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1224966	258.050	ug/l	98
52) Toluene	8.76	92	448257	51.592	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	286756	50.957	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	309462	51.559	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	185219	51.123	ug/l	100
56) Ethyl methacrylate	9.16	69	266050	51.723	ug/l	99
57) 1,3-Dichloropropane	9.35	76	308414	51.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	727730	278.640	ug/l	98
59) 2-Hexanone	9.47	43	909193	253.764	ug/l	98
60) Dibromochloromethane	9.56	129	214521	48.467	ug/l	100
61) 1,2-Dibromoethane	9.65	107	196618	49.887	ug/l	99
64) Tetrachloroethene	9.32	164	192090	45.697	ug/l	98
65) Chlorobenzene	10.12	112	492530	49.903	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	193210	49.169	ug/l	98
67) Ethyl Benzene	10.23	91	854073	51.981	ug/l	99
68) m/p-Xylenes	10.34	106	677583	108.388	ug/l	96
69) o-Xylene	10.68	106	307670	51.506	ug/l	100
70) Styrene	10.70	104	558821	54.499	ug/l	98
71) Bromoform	10.84	173	157316	47.444	ug/l #	98
73) Isopropylbenzene	11.00	105	848763	51.694	ug/l	99
74) N-amyl acetate	10.88	43	351389	53.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259689	52.092	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	249223m	51.494	ug/l	
77) Bromobenzene	11.24	156	220559	47.165	ug/l	93
78) n-propylbenzene	11.34	91	1002483	54.365	ug/l	99
79) 2-Chlorotoluene	11.40	91	590902	52.000	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	735826	52.795	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	95495	50.053	ug/l	98
82) 4-Chlorotoluene	11.49	91	713753	53.000	ug/l	99
83) tert-Butylbenzene	11.76	119	706331	52.426	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	742274	52.716	ug/l	100
85) sec-Butylbenzene	11.93	105	844817	53.559	ug/l	99
86) p-Isopropyltoluene	12.05	119	785832	52.652	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	412420	49.299	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	414619	49.057	ug/l	99
89) n-Butylbenzene	12.37	91	684886	53.807	ug/l	100
90) Hexachloroethane	12.58	117	148382	52.368	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	383568	48.791	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55880	42.481	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	260392	47.716	ug/l	98
94) Hexachlorobutadiene	13.77	225	101542	45.627	ug/l	96
95) Naphthalene	13.82	128	809049	50.423	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	253399	48.070	ug/l	97

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

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