

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015131.D
 Acq On : 09 Mar 2020 10:20
 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
 3/11/2020 4:45:18 PM

Quant Time: Mar 09 14:08:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	366415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	542714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	267206	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	196713	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
35) Dibromofluoromethane	5.48	113	163270	47.69	ug/l	-0.01
Spiked Amount			Recovery	=	95.38%	
50) Toluene-d8	8.71	98	618621	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.13	95	223597	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	160807	50.118	ug/l	98
3) Chloromethane	1.31	50	221156	48.659	ug/l	100
4) Vinyl Chloride	1.40	62	218491	47.409	ug/l	99
5) Bromomethane	1.63	94	134674	47.532	ug/l	99
6) Chloroethane	1.72	64	138111	49.957	ug/l	97
7) Trichlorofluoromethane	1.92	101	272536	49.698	ug/l	96
8) Diethyl Ether	2.18	74	125125	50.376	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	180048	52.185	ug/l	99
10) Methyl Iodide	2.50	142	193208	49.567	ug/l	100
11) Tert butyl alcohol	3.03	59	195242	258.870	ug/l	99
12) 1,1-Dichloroethene	2.36	96	175301	49.232	ug/l	98
13) Acrolein	2.28	56	188369	265.766	ug/l	99
14) Allyl chloride	2.72	41	318863	51.358	ug/l	98
15) Acrylonitrile	3.12	53	480465	255.800	ug/l	100
16) Acetone	2.43	43	465105	264.193	ug/l	97
17) Carbon Disulfide	2.56	76	469902	47.520	ug/l	98
18) Methyl Acetate	2.76	43	211760	49.193	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	578912	52.028	ug/l	99
20) Methylene Chloride	2.84	84	196381	47.665	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	188734	49.640	ug/l	99
22) Diisopropyl ether	3.84	45	653879	52.861	ug/l	98
23) Vinyl Acetate	3.80	43	2753973	270.846	ug/l	100
24) 1,1-Dichloroethane	3.68	63	343534	50.039	ug/l	100
25) 2-Butanone	4.65	43	688716	267.221	ug/l	98
26) 2,2-Dichloropropane	4.57	77	285152	52.321	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	214415	50.268	ug/l	98
28) Bromochloromethane	5.00	49	157999	50.541	ug/l	96
29) Tetrahydrofuran	5.11	42	421281	253.574	ug/l	99
30) Chloroform	5.19	83	339206	50.693	ug/l	98
31) Cyclohexane	5.57	56	311404	50.853	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	288524	52.017	ug/l	98
36) 1,1-Dichloropropene	5.78	75	258915	51.606	ug/l	100
37) Ethyl Acetate	4.81	43	257710	55.374	ug/l	99
38) Carbon Tetrachloride	5.77	117	247916	52.349	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	322274	55.010	ug/l	99
40) Benzene	6.13	78	774806	52.052	ug/l	99
41) Methacrylonitrile	5.02	41	149269	53.398	ug/l	97
42) 1,2-Dichloroethane	6.18	62	277702	54.326	ug/l	98
43) Isopropyl Acetate	6.42	43	437901	53.486	ug/l	100
44) Trichloroethene	7.20	130	208876	50.387	ug/l	96
45) 1,2-Dichloropropane	7.50	63	205698	53.388	ug/l	100
46) Dibromomethane	7.65	93	131119	52.228	ug/l	98
47) Bromodichloromethane	7.89	83	271411	54.670	ug/l	98
48) Methyl methacrylate	7.76	41	220009	52.798	ug/l	98
49) 1,4-Dioxane	7.73	88	94145	1044.953	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1347372	278.340	ug/l	100
52) Toluene	8.78	92	491081	53.957	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	301258	57.011	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	331285	55.456	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	195267	52.126	ug/l	98
56) Ethyl methacrylate	9.17	69	307127	57.479	ug/l	99
57) 1,3-Dichloropropane	9.36	76	335922	53.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	858255	294.841	ug/l	100
59) 2-Hexanone	9.48	43	1038214	289.366	ug/l	100
60) Dibromochloromethane	9.57	129	215709	54.817	ug/l	99
61) 1,2-Dibromoethane	9.67	107	204045	51.858	ug/l	100
64) Tetrachloroethene	9.33	164	210881	50.858	ug/l	98
65) Chlorobenzene	10.13	112	536916	53.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	200187	52.729	ug/l	99
67) Ethyl Benzene	10.25	91	954573	55.832	ug/l	99
68) m/p-Xylenes	10.36	106	727232	111.799	ug/l	99
69) o-Xylene	10.69	106	342986	55.072	ug/l	98
70) Styrene	10.70	104	603357	56.502	ug/l	99
71) Bromoform	10.85	173	162775	55.289	ug/l #	99
73) Isopropylbenzene	11.01	105	938227	54.966	ug/l	100
74) N-amyl acetate	10.89	43	393980	54.768	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	289185	50.836	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	248145m	46.557	ug/l	
77) Bromobenzene	11.25	156	241673	50.804	ug/l	99
78) n-propylbenzene	11.35	91	1089303	55.859	ug/l	100
79) 2-Chlorotoluene	11.42	91	632057	54.273	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	790809	55.654	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100005	53.249	ug/l	98
82) 4-Chlorotoluene	11.51	91	744622	54.119	ug/l	99
83) tert-Butylbenzene	11.76	119	761656	55.435	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	796645	55.807	ug/l	100
85) sec-Butylbenzene	11.94	105	926346	55.851	ug/l	99
86) p-Isopropyltoluene	12.06	119	859072	56.218	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	434274	51.931	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	441484	51.135	ug/l	99
89) n-Butylbenzene	12.38	91	777514	57.208	ug/l	100
90) Hexachloroethane	12.59	117	155283	53.751	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	432375	52.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59920	52.603	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	311048	53.897	ug/l	99
94) Hexachlorobutadiene	13.78	225	153648	51.883	ug/l	99
95) Naphthalene	13.83	128	882120	49.878	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	314499	54.618	ug/l	99

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

