

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040220\
 Data File : VX015472.D
 Acq On : 02 Apr 2020 11:04
 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
 4/3/2020 12:36:26 PM

Quant Time: Apr 03 08:18:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1196278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1808512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1660250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	884079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	748963	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
35) Dibromofluoromethane	5.47	113	546551	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.70	98	2035849	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.12	95	828982	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	543457	51.564	ug/l	99
3) Chloromethane	1.31	50	608472	45.334	ug/l	97
4) Vinyl Chloride	1.39	62	577573	46.865	ug/l	98
5) Bromomethane	1.62	94	299784	53.304	ug/l	98
6) Chloroethane	1.71	64	351911	46.040	ug/l	98
7) Trichlorofluoromethane	1.92	101	835887	50.574	ug/l	96
8) Diethyl Ether	2.17	74	309065	44.334	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	546956	50.764	ug/l	99
10) Methyl Iodide	2.49	142	677109	46.611	ug/l	99
11) Tert butyl alcohol	3.01	59	702601	173.978	ug/l	99
12) 1,1-Dichloroethene	2.36	96	539666	47.783	ug/l	95
13) Acrolein	2.27	56	595140	258.702	ug/l	99
14) Allyl chloride	2.70	41	1207980	45.775	ug/l	97
15) Acrylonitrile	3.11	53	1609405	208.970	ug/l	100
16) Acetone	2.42	43	1505176	207.648	ug/l	100
17) Carbon Disulfide	2.55	76	1586043	46.034	ug/l	100
18) Methyl Acetate	2.75	43	767619	41.491	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1979543	45.192	ug/l	100
20) Methylene Chloride	2.83	84	602387	44.491	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	583655	46.564	ug/l	96
22) Diisopropyl ether	3.83	45	2188940	46.810	ug/l	89
23) Vinyl Acetate	3.78	43	9614237	227.078	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1125261	45.703	ug/l	99
25) 2-Butanone	4.63	43	2351409	201.709	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1026726	50.805	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	659333	45.466	ug/l	97
28) Bromochloromethane	4.98	49	538942	45.847	ug/l	98
29) Tetrahydrofuran	5.09	42	1506969m	201.084	ug/l	
30) Chloroform	5.17	83	1098047	46.355	ug/l	97
31) Cyclohexane	5.55	56	1052458	49.275	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	1014805	47.338	ug/l	99
36) 1,1-Dichloropropene	5.77	75	837651	50.269	ug/l	99
37) Ethyl Acetate	4.79	43	947395	43.665	ug/l	100
38) Carbon Tetrachloride	5.75	117	906162	50.208	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1026592	53.432	ug/l	97
40) Benzene	6.11	78	2418278	49.543	ug/l	99
41) Methacrylonitrile	5.00	41	550521	45.708	ug/l	100
42) 1,2-Dichloroethane	6.16	62	953528	48.633	ug/l	100
43) Isopropyl Acetate	6.41	43	1658384	45.278	ug/l	99
44) Trichloroethene	7.19	130	654780	49.186	ug/l	97
45) 1,2-Dichloropropane	7.49	63	641213	48.020	ug/l	99
46) Dibromomethane	7.64	93	420808	48.042	ug/l	100
47) Bromodichloromethane	7.87	83	907823	48.640	ug/l	98
48) Methyl methacrylate	7.75	41	831191	45.434	ug/l	99
49) 1,4-Dioxane	7.71	88	278175	815.078	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4596472	221.441	ug/l	100
52) Toluene	8.76	92	1505895	50.040	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1048088	47.880	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1099044	49.289	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	598930	48.577	ug/l	98
56) Ethyl methacrylate	9.16	69	1018878	46.890	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1052018	47.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2549960	241.263	ug/l	100
59) 2-Hexanone	9.47	43	3456696	220.577	ug/l	100
60) Dibromochloromethane	9.56	129	720136	48.607	ug/l	99
61) 1,2-Dibromoethane	9.65	107	644810	48.097	ug/l	99
64) Tetrachloroethene	9.32	164	616423	49.198	ug/l	92
65) Chlorobenzene	10.12	112	1625855	49.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	642326	48.559	ug/l	99
67) Ethyl Benzene	10.24	91	2938355	50.036	ug/l	100
68) m/p-Xylenes	10.34	106	2206889	100.923	ug/l	100
69) o-Xylene	10.68	106	1057003	48.917	ug/l	97
70) Styrene	10.70	104	1856890	48.835	ug/l	99
71) Bromoform	10.84	173	550253	45.695	ug/l #	98
73) Isopropylbenzene	11.00	105	2850441	49.208	ug/l	99
74) N-amyl acetate	10.88	43	1462346	45.389	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	889463	44.749	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	844765m	46.466	ug/l	
77) Bromobenzene	11.24	156	741456	47.987	ug/l	100
78) n-propylbenzene	11.34	91	3379339	51.019	ug/l	99
79) 2-Chlorotoluene	11.40	91	1999007	49.238	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2447977	49.483	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	344206	45.428	ug/l	98
82) 4-Chlorotoluene	11.49	91	2374760	49.896	ug/l	100
83) tert-Butylbenzene	11.76	119	2398467	49.634	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	2543865	50.460	ug/l	100
85) sec-Butylbenzene	11.93	105	2868633	51.329	ug/l	99
86) p-Isopropyltoluene	12.05	119	2691013	51.867	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1355696	49.012	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1357881	48.194	ug/l	99
89) n-Butylbenzene	12.37	91	2453426	52.328	ug/l	99
90) Hexachloroethane	12.58	117	499567	49.470	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1338407	49.443	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	232960	41.525	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1025102	47.875	ug/l	98
94) Hexachlorobutadiene	13.77	225	504666	49.504	ug/l	96
95) Naphthalene	13.82	128	2970503	45.480	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1021267	49.539	ug/l	99

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

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