

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102820\
 Data File : VX019156.D
 Acq On : 28 Oct 2020 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:45:29 AM

Quant Time: Oct 29 02:09:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	280219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	455839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203744	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169958	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	5.46	113	139503	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.70	98	521943	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.12	95	195336	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	127297	54.492	ug/l	99
3) Chloromethane	1.31	50	137580	52.715	ug/l	100
4) Vinyl Chloride	1.39	62	162795	53.786	ug/l	99
5) Bromomethane	1.64	94	107647	52.078	ug/l	100
6) Chloroethane	1.71	64	105102	54.387	ug/l	98
7) Trichlorofluoromethane	1.92	101	259264	54.524	ug/l	100
8) Diethyl Ether	2.17	74	99709	54.637	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	145280	55.122	ug/l	99
10) Methyl Iodide	2.49	142	166673	53.120	ug/l	99
11) Tert butyl alcohol	3.02	59	177656	248.898	ug/l	99
12) 1,1-Dichloroethene	2.36	96	141326	52.036	ug/l	98
13) Acrolein	2.27	56	77954	244.401	ug/l	98
14) Allyl chloride	2.70	41	221883	53.938	ug/l	99
15) Acrylonitrile	3.11	53	394218	262.831	ug/l	99
16) Acetone	2.42	43	367334	294.647	ug/l	99
17) Carbon Disulfide	2.55	76	389826	50.349	ug/l	99
18) Methyl Acetate	2.75	43	157627	51.995	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	511271	54.331	ug/l	99
20) Methylene Chloride	2.83	84	161952	51.744	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	160499	51.347	ug/l	97
22) Diisopropyl ether	3.82	45	460184	56.113	ug/l	94
23) Vinyl Acetate	3.78	43	2042170	279.237	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278411	54.372	ug/l	99
25) 2-Butanone	4.63	43	558974	284.496	ug/l	99
26) 2,2-Dichloropropane	4.54	77	263999	54.843	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	184414	52.797	ug/l	98
28) Bromochloromethane	4.98	49	118761	51.018	ug/l	97
29) Tetrahydrofuran	5.08	42	339378	274.091	ug/l	99
30) Chloroform	5.17	83	294403	54.016	ug/l	99
31) Cyclohexane	5.54	56	245779	53.804	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	270083	54.657	ug/l	99
36) 1,1-Dichloropropene	5.76	75	225219	53.505	ug/l	100
37) Ethyl Acetate	4.79	43	213182	54.547	ug/l	99
38) Carbon Tetrachloride	5.75	117	236968	55.230	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	278512	55.336	ug/l	99
40) Benzene	6.11	78	656414	55.000	ug/l	99
41) Methacrylonitrile	4.99	41	112965	53.672	ug/l	100
42) 1,2-Dichloroethane	6.16	62	238959	54.327	ug/l	100
43) Isopropyl Acetate	6.40	43	354592	54.185	ug/l	100
44) Trichloroethene	7.18	130	179812	52.607	ug/l	98
45) 1,2-Dichloropropane	7.49	63	163631	55.976	ug/l	100
46) Dibromomethane	7.63	93	114839	53.126	ug/l	99
47) Bromodichloromethane	7.87	83	236069	55.406	ug/l	99
48) Methyl methacrylate	7.74	41	175265	55.644	ug/l	98
49) 1,4-Dioxane	7.73	88	74903	1069.332	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1052374	279.797	ug/l	100
52) Toluene	8.76	92	424414	55.214	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	266598	54.782	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	280532	54.819	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	166278	54.748	ug/l	99
56) Ethyl methacrylate	9.16	69	256733	55.964	ug/l	99
57) 1,3-Dichloropropane	9.35	76	282183	55.108	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	670379	261.297	ug/l	98
59) 2-Hexanone	9.47	43	855856	298.929	ug/l	100
60) Dibromochloromethane	9.56	129	184479	55.969	ug/l	100
61) 1,2-Dibromoethane	9.65	107	176386	54.310	ug/l	100
64) Tetrachloroethene	9.32	164	169258	54.077	ug/l	99
65) Chlorobenzene	10.12	112	446384	53.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	166309	55.018	ug/l	100
67) Ethyl Benzene	10.23	91	814480	54.436	ug/l	98
68) m/p-Xylenes	10.34	106	614704	109.465	ug/l	98
69) o-Xylene	10.68	106	289546	54.362	ug/l	100
70) Styrene	10.70	104	496560	54.640	ug/l	99
71) Bromoform	10.84	173	128817	53.748	ug/l #	99
73) Isopropylbenzene	11.00	105	787787	54.624	ug/l	100
74) N-amyl acetate	10.88	43	296192	56.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	245868	54.549	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	233840m	55.585	ug/l	
77) Bromobenzene	11.24	156	189020	52.808	ug/l	96
78) n-propylbenzene	11.34	91	914610	55.555	ug/l	100
79) 2-Chlorotoluene	11.40	91	525831	54.251	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	663079	54.423	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	84611	52.956	ug/l	98
82) 4-Chlorotoluene	11.49	91	629787	53.209	ug/l	99
83) tert-Butylbenzene	11.76	119	641047	54.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	673079	54.722	ug/l	100
85) sec-Butylbenzene	11.93	105	773375	55.274	ug/l	100
86) p-Isopropyltoluene	12.05	119	720950	55.826	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	347359	52.111	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	351004	50.587	ug/l	99
89) n-Butylbenzene	12.37	91	661659	54.507	ug/l	99
90) Hexachloroethane	12.58	117	123159	56.107	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	340056	53.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58275	52.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	240018	49.923	ug/l	98
94) Hexachlorobutadiene	13.77	225	104412	49.335	ug/l	98
95) Naphthalene	13.82	128	767399	50.680	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	239567	51.364	ug/l	97

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

