

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018455.D
 Acq On : 16 Sep 2020 21:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:24:09 AM

Quant Time: Sep 17 05:20:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	457083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	743802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	724640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	391300	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	333432	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
35) Dibromofluoromethane	5.46	113	266021	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
50) Toluene-d8	8.70	98	929616	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.12	95	386390	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	239573	43.049	ug/l	98
3) Chloromethane	1.31	50	231376	39.436	ug/l	99
4) Vinyl Chloride	1.39	62	263443	45.106	ug/l	99
5) Bromomethane	1.62	94	168473	59.804	ug/l	96
6) Chloroethane	1.71	64	156607	49.924	ug/l	100
7) Trichlorofluoromethane	1.92	101	418583	52.560	ug/l	98
8) Diethyl Ether	2.17	74	141364	52.341	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	225440	52.361	ug/l	98
10) Methyl Iodide	2.49	142	222928	48.564	ug/l	99
11) Tert butyl alcohol	3.01	59	305659	247.740	ug/l	97
12) 1,1-Dichloroethene	2.35	96	223004	49.925	ug/l	100
13) Acrolein	2.27	56	139749	273.170	ug/l	100
14) Allyl chloride	2.71	41	420298	52.372	ug/l	99
15) Acrylonitrile	3.12	53	742172	265.183	ug/l	100
16) Acetone	2.42	43	629502	254.592	ug/l	94
17) Carbon Disulfide	2.55	76	554345	41.053	ug/l	100
18) Methyl Acetate	2.75	43	395011	66.203	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	853514	55.716	ug/l	98
20) Methylene Chloride	2.84	84	269563	53.398	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	238967	48.287	ug/l	98
22) Diisopropyl ether	3.82	45	858448	54.197	ug/l	91
23) Vinyl Acetate	3.79	43	3736362	265.102	ug/l	100
24) 1,1-Dichloroethane	3.67	63	480766	53.321	ug/l	98
25) 2-Butanone	4.63	43	1033221	254.262	ug/l	98
26) 2,2-Dichloropropane	4.56	77	376597	51.334	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	291647	51.148	ug/l	99
28) Bromochloromethane	4.98	49	216011	49.633	ug/l	99
29) Tetrahydrofuran	5.09	42	658086	254.401	ug/l	99
30) Chloroform	5.18	83	496435	53.173	ug/l	96
31) Cyclohexane	5.55	56	373574	49.186	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	459182	53.595	ug/l	100
36) 1,1-Dichloropropene	5.77	75	345107	50.304	ug/l	100
37) Ethyl Acetate	4.79	43	402465	50.510	ug/l	99
38) Carbon Tetrachloride	5.76	117	411329	53.202	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	368210	49.084	ug/l	99
40) Benzene	6.12	78	1013500	50.276	ug/l	97
41) Methacrylonitrile	5.00	41	224641	51.346	ug/l	97
42) 1,2-Dichloroethane	6.17	62	415583	53.807	ug/l	98
43) Isopropyl Acetate	6.42	43	679188	52.774	ug/l	100
44) Trichloroethene	7.19	130	289903	50.896	ug/l	98
45) 1,2-Dichloropropane	7.49	63	286136	52.665	ug/l	96
46) Dibromomethane	7.64	93	195365	51.134	ug/l	99
47) Bromodichloromethane	7.88	83	412408	54.060	ug/l	99
48) Methyl methacrylate	7.74	41	336331	52.497	ug/l	99
49) 1,4-Dioxane	7.71	88	94583	815.010	ug/l	94
51) 4-Methyl-2-Pentanone	8.62	43	2110251	265.448	ug/l	100
52) Toluene	8.77	92	655069	51.247	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	449583	53.174	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	462005	51.583	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	284024	52.099	ug/l	97
56) Ethyl methacrylate	9.16	69	435146	53.692	ug/l	99
57) 1,3-Dichloropropane	9.35	76	464893	51.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	1079823	296.186	ug/l	100
59) 2-Hexanone	9.48	43	1606787	265.809	ug/l	100
60) Dibromochloromethane	9.57	129	336943	52.686	ug/l	100
61) 1,2-Dibromoethane	9.65	107	302652	51.135	ug/l	99
64) Tetrachloroethene	9.32	164	268052	50.338	ug/l	93
65) Chlorobenzene	10.12	112	737837	50.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	298294	52.294	ug/l	98
67) Ethyl Benzene	10.24	91	1294115	52.580	ug/l	100
68) m/p-Xylenes	10.34	106	966968	105.261	ug/l	97
69) o-Xylene	10.68	106	469006	52.666	ug/l	97
70) Styrene	10.69	104	821073	54.141	ug/l	99
71) Bromoform	10.84	173	272783	56.066	ug/l #	98
73) Isopropylbenzene	11.00	105	1293794	50.127	ug/l	99
74) N-amyl acetate	10.88	43	612978	50.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	438049	48.110	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	410535m	47.163	ug/l	
77) Bromobenzene	11.24	156	346352	48.546	ug/l	99
78) n-propylbenzene	11.35	91	1461083	49.855	ug/l	99
79) 2-Chlorotoluene	11.40	91	908100	50.154	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1106237	52.157	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	152250	47.239	ug/l	100
82) 4-Chlorotoluene	11.49	91	1071883	49.797	ug/l	100
83) tert-Butylbenzene	11.76	119	1079772	51.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1127820	52.010	ug/l	99
85) sec-Butylbenzene	11.93	105	1260884	52.971	ug/l	99
86) p-Isopropyltoluene	12.05	119	1179193	53.931	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	615657	49.149	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	617953	49.270	ug/l	98
89) n-Butylbenzene	12.37	91	1037046	51.966	ug/l	99
90) Hexachloroethane	12.58	117	225158	52.341	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	601981	51.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105566	46.370	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	418749	53.257	ug/l	100
94) Hexachlorobutadiene	13.77	225	165530	53.374	ug/l	98
95) Naphthalene	13.82	128	1398825	54.058	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	400154	51.505	ug/l	97

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

