

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018459.D
 Acq On : 17 Sep 2020 10:44
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:37 PM

Quant Time: Sep 17 12:06:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	556215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	903545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	422164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	163736	21.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.60%	
35) Dibromofluoromethane	5.46	113	129684	21.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.44%	
50) Toluene-d8	8.70	98	463375	20.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.80%	
62) 4-Bromofluorobenzene	11.12	95	180871	20.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	105971	16.312	ug/l	95
3) Chloromethane	1.31	50	120881	17.394	ug/l	98
4) Vinyl Chloride	1.39	62	125861	18.030	ug/l	98
5) Bromomethane	1.64	94	87770	24.721	ug/l	94
6) Chloroethane	1.71	64	75038	19.800	ug/l	100
7) Trichlorofluoromethane	1.92	101	191136	19.763	ug/l	96
8) Diethyl Ether	2.17	74	66529	20.229	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99030	18.852	ug/l	97
10) Methyl Iodide	2.50	142	101852	19.857	ug/l	98
11) Tert butyl alcohol	3.01	59	129840	88.011	ug/l	98
12) 1,1-Dichloroethene	2.35	96	99263	18.286	ug/l	97
13) Acrolein	2.27	56	84040	125.779	ug/l	98
14) Allyl chloride	2.71	41	196980	20.085	ug/l	97
15) Acrylonitrile	3.12	53	317783	93.601	ug/l	98
16) Acetone	2.42	43	283769	94.110	ug/l	94
17) Carbon Disulfide	2.56	76	302324	18.375	ug/l	99
18) Methyl Acetate	2.75	43	142308	19.536	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	369675	19.794	ug/l	99
20) Methylene Chloride	2.84	84	120492	17.755	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	119528	19.777	ug/l	98
22) Diisopropyl ether	3.82	45	389276	20.191	ug/l	97
23) Vinyl Acetate	3.79	43	1711277	99.798	ug/l	100
24) 1,1-Dichloroethane	3.67	63	217139	19.829	ug/l	98
25) 2-Butanone	4.64	43	461109	93.913	ug/l	96
26) 2,2-Dichloropropane	4.56	77	195673	21.457	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	133140	19.137	ug/l	100
28) Bromochloromethane	4.98	49	105108	19.809	ug/l	98
29) Tetrahydrofuran	5.09	42	292924	93.976	ug/l	99
30) Chloroform	5.18	83	219376	19.335	ug/l	97
31) Cyclohexane	5.56	56	183433	19.788	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	208245	19.899	ug/l	99
36) 1,1-Dichloropropene	5.77	75	166269	19.845	ug/l	99
37) Ethyl Acetate	4.79	43	183750	19.011	ug/l	99
38) Carbon Tetrachloride	5.76	117	184559	19.516	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180983	19.676	ug/l	100
40) Benzene	6.11	78	472714	19.249	ug/l	99
41) Methacrylonitrile	5.00	41	97140	18.337	ug/l	99
42) 1,2-Dichloroethane	6.17	62	184676	19.566	ug/l	99
43) Isopropyl Acetate	6.42	43	287447	18.415	ug/l	99
44) Trichloroethene	7.19	130	132803	19.086	ug/l	98
45) 1,2-Dichloropropane	7.49	63	128734	19.516	ug/l	94
46) Dibromomethane	7.63	93	87921	18.863	ug/l	98
47) Bromodichloromethane	7.87	83	179808	19.372	ug/l	92
48) Methyl methacrylate	7.74	41	142646	18.367	ug/l	98
49) 1,4-Dioxane	7.71	88	46569	342.436	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	904074	94.350	ug/l	98
52) Toluene	8.77	92	300043	19.340	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	199732	19.371	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	213374	19.525	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	122839	18.601	ug/l	94
56) Ethyl methacrylate	9.16	69	184396	18.749	ug/l	99
57) 1,3-Dichloropropane	9.35	76	208594	19.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	499082	109.239	ug/l	100
59) 2-Hexanone	9.47	43	687477	94.455	ug/l	99
60) Dibromochloromethane	9.57	129	142592	18.377	ug/l	98
61) 1,2-Dibromoethane	9.65	107	133672	18.655	ug/l	100
64) Tetrachloroethene	9.32	164	127244	20.450	ug/l	94
65) Chlorobenzene	10.12	112	329004	19.511	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	129170	19.397	ug/l	100
67) Ethyl Benzene	10.24	91	580402	20.174	ug/l	97
68) m/p-Xylenes	10.34	106	433995	40.553	ug/l	100
69) o-Xylene	10.68	106	202335	19.461	ug/l	100
70) Styrene	10.69	104	353200	19.893	ug/l	97
71) Bromoform	10.84	173	106597	18.777	ug/l #	96
73) Isopropylbenzene	11.00	105	557076	20.081	ug/l	99
74) N-amyl acetate	10.88	43	241383	18.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	184115	18.856	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	174434m	18.708	ug/l	
77) Bromobenzene	11.24	156	151259	19.659	ug/l	99
78) n-propylbenzene	11.34	91	652964	20.579	ug/l	100
79) 2-Chlorotoluene	11.40	91	393300	20.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	481452	21.036	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	66271	19.087	ug/l	97
82) 4-Chlorotoluene	11.49	91	476344	20.510	ug/l	100
83) tert-Butylbenzene	11.76	119	456837	20.181	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	481954	20.575	ug/l	97
85) sec-Butylbenzene	11.93	105	547184	21.196	ug/l	99
86) p-Isopropyltoluene	12.05	119	507200	21.361	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272520	20.053	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	273197	20.072	ug/l	98
89) n-Butylbenzene	12.37	91	449919	20.655	ug/l	98
90) Hexachloroethane	12.58	117	95068	20.375	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	255990	20.159	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44158	18.056	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	173988	20.437	ug/l	95
94) Hexachlorobutadiene	13.77	225	76567	22.445	ug/l	94
95) Naphthalene	13.82	128	540638	19.421	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	169029	20.019	ug/l	97

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

