

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091420\
 Data File : VX018399.D
 Acq On : 14 Sep 2020 21:08
 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
 9/15/2020 2:29:09 PM

Quant Time: Sep 15 06:19:18 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	5.64	168	412266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	653864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	624446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	352361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	303472	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
35) Dibromofluoromethane	5.46	113	229453	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.70	98	820127	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.12	95	337164	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	225801	44.986	ug/l	100
3) Chloromethane	1.31	50	217423	41.086	ug/l	99
4) Vinyl Chloride	1.39	62	229985	43.658	ug/l	98
5) Bromomethane	1.62	94	151702	59.705	ug/l	92
6) Chloroethane	1.71	64	139032	49.139	ug/l	99
7) Trichlorofluoromethane	1.92	101	393038	54.717	ug/l	99
8) Diethyl Ether	2.17	74	125237	51.411	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198181	51.034	ug/l	98
10) Methyl Iodide	2.49	142	215045	51.572	ug/l	96
11) Tert butyl alcohol	3.01	59	257329	231.241	ug/l	98
12) 1,1-Dichloroethene	2.36	96	191712	47.585	ug/l	96
13) Acrolein	2.27	56	165694	359.094	ug/l	99
14) Allyl chloride	2.71	41	347954	48.071	ug/l	96
15) Acrylonitrile	3.12	53	623007	246.804	ug/l	99
16) Acetone	2.42	43	548564	245.976	ug/l	96
17) Carbon Disulfide	2.55	76	501111	41.144	ug/l	100
18) Methyl Acetate	2.75	43	331014	61.508	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	731613	52.950	ug/l	99
20) Methylene Chloride	2.84	84	226072	49.567	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	212023	47.500	ug/l	97
22) Diisopropyl ether	3.82	45	728491	50.992	ug/l	93
23) Vinyl Acetate	3.79	43	3177762	249.979	ug/l	100
24) 1,1-Dichloroethane	3.67	63	406641	50.002	ug/l	99
25) 2-Butanone	4.64	43	861190	234.966	ug/l	100
26) 2,2-Dichloropropane	4.56	77	320317	48.409	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	245326	47.702	ug/l	99
28) Bromochloromethane	4.98	49	177322	45.172	ug/l	97
29) Tetrahydrofuran	5.09	42	547009	234.448	ug/l	97
30) Chloroform	5.18	83	440443	52.305	ug/l	95
31) Cyclohexane	5.55	56	314373	45.891	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	411949	53.309	ug/l	100
36) 1,1-Dichloropropene	5.77	75	301306	49.960	ug/l	100
37) Ethyl Acetate	4.80	43	345617	49.342	ug/l	98
38) Carbon Tetrachloride	5.76	117	377699	55.572	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	312767	47.428	ug/l	99
40) Benzene	6.11	78	869982	49.093	ug/l	98
41) Methacrylonitrile	5.00	41	188298	48.960	ug/l	96
42) 1,2-Dichloroethane	6.17	62	368695	54.303	ug/l	97
43) Isopropyl Acetate	6.41	43	556208	49.163	ug/l	99
44) Trichloroethene	7.19	130	248298	49.588	ug/l	98
45) 1,2-Dichloropropane	7.49	63	239189	50.080	ug/l	95
46) Dibromomethane	7.64	93	171168	50.963	ug/l	98
47) Bromodichloromethane	7.88	83	369847	55.150	ug/l	98
48) Methyl methacrylate	7.74	41	284837	50.575	ug/l	97
49) 1,4-Dioxane	7.71	88	83401	817.506	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1765823	252.675	ug/l	100
52) Toluene	8.77	92	564472	50.234	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	387246	52.101	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	394272	50.076	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	240092	50.098	ug/l	98
56) Ethyl methacrylate	9.16	69	366963	51.507	ug/l	98
57) 1,3-Dichloropropane	9.35	76	401199	50.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	891934	278.301	ug/l	99
59) 2-Hexanone	9.48	43	1343520	252.828	ug/l	99
60) Dibromochloromethane	9.57	129	306153	54.456	ug/l	98
61) 1,2-Dibromoethane	9.65	107	260504	50.068	ug/l	100
64) Tetrachloroethene	9.32	164	214369	46.716	ug/l	95
65) Chlorobenzene	10.12	112	633292	50.779	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	266232	54.162	ug/l	98
67) Ethyl Benzene	10.24	91	1109669	52.320	ug/l	100
68) m/p-Xylenes	10.34	106	851268	107.535	ug/l	99
69) o-Xylene	10.68	106	403531	52.585	ug/l	98
70) Styrene	10.70	104	709564	54.295	ug/l	98
71) Bromoform	10.84	173	230284	54.925	ug/l	99
73) Isopropylbenzene	11.00	105	1096653	47.184	ug/l	98
74) N-amyl acetate	10.88	43	504145	45.717	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	375427	45.789	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	359734m	45.894	ug/l	
77) Bromobenzene	11.24	156	301544	46.936	ug/l	96
78) n-propylbenzene	11.34	91	1290022	48.882	ug/l	99
79) 2-Chlorotoluene	11.40	91	789761	48.438	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	984562	51.550	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	131870	45.438	ug/l	98
82) 4-Chlorotoluene	11.49	91	929291	47.944	ug/l	100
83) tert-Butylbenzene	11.76	119	968418	51.379	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	988835	50.640	ug/l	100
85) sec-Butylbenzene	11.93	105	1111182	51.841	ug/l	100
86) p-Isopropyltoluene	12.05	119	1061907	53.934	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	545756	48.384	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	543417	48.115	ug/l	99
89) n-Butylbenzene	12.37	91	906810	50.461	ug/l	99
90) Hexachloroethane	12.58	117	204164	52.705	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	528383	49.764	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94251	45.975	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	345008	48.728	ug/l	96
94) Hexachlorobutadiene	13.77	225	143751	51.474	ug/l	96
95) Naphthalene	13.82	128	1141324	48.981	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	346045	49.463	ug/l	99

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

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