

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018222.D
 Acq On : 03 Sep 2020 09:23
 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
 9/4/2020 9:28:47 AM

Quant Time: Sep 04 01:52:05 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	457774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	685655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	649017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	349099	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	308828	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
35) Dibromofluoromethane	5.46	113	238457	51.07	ug/l	-0.01
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.70	98	852986	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.12	95	325782	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	278909	50.042	ug/l	99
3) Chloromethane	1.31	50	255664	43.510	ug/l	97
4) Vinyl Chloride	1.39	62	258225	44.146	ug/l	96
5) Bromomethane	1.64	94	180931	64.130	ug/l	96
6) Chloroethane	1.71	64	144898	46.122	ug/l	100
7) Trichlorofluoromethane	1.92	101	442320	55.457	ug/l	97
8) Diethyl Ether	2.17	74	133841	49.481	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	229176	53.148	ug/l	99
10) Methyl Iodide	2.49	142	213474	46.666	ug/l	97
11) Tert butyl alcohol	3.04	59	251713	203.708	ug/l	98
12) 1,1-Dichloroethene	2.36	96	213793	47.790	ug/l	96
13) Acrolein	2.28	56	94946	185.312	ug/l	99
14) Allyl chloride	2.71	41	382204	47.553	ug/l	96
15) Acrylonitrile	3.12	53	600636	214.288	ug/l	99
16) Acetone	2.43	43	498835	201.442	ug/l	97
17) Carbon Disulfide	2.55	76	609931	45.101	ug/l	99
18) Methyl Acetate	2.75	43	290965	48.692	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	762122	49.675	ug/l	98
20) Methylene Chloride	2.83	84	240416	47.422	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	235164	47.447	ug/l	96
22) Diisopropyl ether	3.82	45	758506	47.815	ug/l	# 83
23) Vinyl Acetate	3.78	43	3367353	238.560	ug/l	99
24) 1,1-Dichloroethane	3.67	63	431609	47.797	ug/l	98
25) 2-Butanone	4.64	43	844309	207.460	ug/l	98
26) 2,2-Dichloropropane	4.55	77	410597	55.884	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	260539	45.624	ug/l	98
28) Bromochloromethane	4.98	49	200209	45.932	ug/l	97
29) Tetrahydrofuran	5.09	42	536392	207.043	ug/l	98
30) Chloroform	5.17	83	460747	49.276	ug/l	99
31) Cyclohexane	5.55	56	355412	46.724	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	430656	50.189	ug/l	99
36) 1,1-Dichloropropene	5.77	75	333856	52.791	ug/l	99
37) Ethyl Acetate	4.79	43	332490	45.267	ug/l	99
38) Carbon Tetrachloride	5.75	117	401428	56.325	ug/l	95

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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	368754	53.325	ug/l	98
40) Benzene	6.11	78	944251	50.813	ug/l	99
41) Methacrylonitrile	4.99	41	186399	46.219	ug/l	99
42) 1,2-Dichloroethane	6.16	62	384936	54.066	ug/l	97
43) Isopropyl Acetate	6.41	43	546065	46.029	ug/l	99
44) Trichloroethene	7.19	130	275023	52.378	ug/l	99
45) 1,2-Dichloropropane	7.49	63	255982	51.111	ug/l	97
46) Dibromomethane	7.63	93	179798	51.051	ug/l	99
47) Bromodichloromethane	7.87	83	379378	53.948	ug/l	100
48) Methyl methacrylate	7.74	41	275573	46.661	ug/l	98
49) 1,4-Dioxane	7.74	88	94928	887.352	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1709712	233.303	ug/l	100
52) Toluene	8.76	92	605236	51.364	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	412881	52.975	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	425284	51.510	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	253469	50.437	ug/l	99
56) Ethyl methacrylate	9.16	69	358845	48.032	ug/l	98
57) 1,3-Dichloropropane	9.35	76	412704	49.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	744489	221.524	ug/l	98
59) 2-Hexanone	9.47	43	1333812	239.363	ug/l	99
60) Dibromochloromethane	9.57	129	307451	52.152	ug/l	99
61) 1,2-Dibromoethane	9.65	107	268284	49.172	ug/l	100
64) Tetrachloroethene	9.32	164	280536	58.820	ug/l	95
65) Chlorobenzene	10.12	112	660156	50.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	273125	53.461	ug/l	98
67) Ethyl Benzene	10.23	91	1162977	52.758	ug/l	99
68) m/p-Xylenes	10.34	106	879421	106.885	ug/l	97
69) o-Xylene	10.68	106	408420	51.207	ug/l	95
70) Styrene	10.70	104	722658	53.204	ug/l	98
71) Bromoform	10.84	173	228511	52.439	ug/l	99
73) Isopropylbenzene	11.00	105	1175923	51.067	ug/l	100
74) N-amyl acetate	10.88	43	473115	43.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	349859	43.070	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	339166m	43.674	ug/l	
77) Bromobenzene	11.24	156	304470	47.834	ug/l	95
78) n-propylbenzene	11.34	91	1341317	51.301	ug/l	100
79) 2-Chlorotoluene	11.40	91	795668	49.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1002695	52.990	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	133113	46.295	ug/l	93
82) 4-Chlorotoluene	11.49	91	963289	50.162	ug/l	99
83) tert-Butylbenzene	11.76	119	933268	49.977	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	1012923	52.358	ug/l	100
85) sec-Butylbenzene	11.93	105	1128424	53.137	ug/l	99
86) p-Isopropyltoluene	12.05	119	1090309	55.894	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	562615	50.344	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	557606	49.833	ug/l	99
89) n-Butylbenzene	12.37	91	948649	53.283	ug/l	99
90) Hexachloroethane	12.58	117	202269	52.704	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	529324	50.318	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	88553	43.599	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	364908	52.020	ug/l	99
94) Hexachlorobutadiene	13.76	225	161564	58.393	ug/l	97
95) Naphthalene	13.82	128	1116367	48.357	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	359780	51.907	ug/l	99

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

