

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011420\
 Data File : VX014607.D
 Acq On : 14 Jan 2020 16:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:09 AM

Quant Time: Jan 15 01:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	475397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	707155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	642699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328183	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	253464	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.48	113	210466	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.71	98	823711	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	294234	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	310587	52.609	ug/l	100
3) Chloromethane	1.32	50	314602	51.916	ug/l	98
4) Vinyl Chloride	1.40	62	365711	54.159	ug/l	98
5) Bromomethane	1.63	94	217559	48.605	ug/l	98
6) Chloroethane	1.72	64	195432	53.194	ug/l	98
7) Trichlorofluoromethane	1.92	101	397255	51.861	ug/l	100
8) Diethyl Ether	2.18	74	173157	49.549	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	245518	52.684	ug/l	99
10) Methyl Iodide	2.50	142	327377	58.668	ug/l	100
11) Tert butyl alcohol	3.03	59	257326	232.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	235244	50.102	ug/l	99
13) Acrolein	2.28	56	228531	257.305	ug/l	99
14) Allyl chloride	2.72	41	429819	52.141	ug/l	99
15) Acrylonitrile	3.13	53	695834	260.180	ug/l	99
16) Acetone	2.43	43	643832	241.818	ug/l	99
17) Carbon Disulfide	2.56	76	623902	47.622	ug/l	100
18) Methyl Acetate	2.76	43	417418	54.724	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	788853	52.337	ug/l	99
20) Methylene Chloride	2.84	84	271286	50.813	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	255408	49.827	ug/l	99
22) Diisopropyl ether	3.84	45	870977	54.673	ug/l	97
23) Vinyl Acetate	3.80	43	3392965	275.097	ug/l	99
24) 1,1-Dichloroethane	3.69	63	461100	53.207	ug/l	99
25) 2-Butanone	4.65	43	970911	244.918	ug/l	100
26) 2,2-Dichloropropane	4.57	77	372231	50.704	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	290030	50.614	ug/l	98
28) Bromochloromethane	5.00	49	174558	47.802	ug/l	95
29) Tetrahydrofuran	5.11	42	619185	264.179	ug/l	98
30) Chloroform	5.19	83	457371	54.010	ug/l	100
31) Cyclohexane	5.57	56	439993	54.242	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	389795	53.774	ug/l	99
36) 1,1-Dichloropropene	5.79	75	349402	52.541	ug/l	99
37) Ethyl Acetate	4.81	43	376326	52.098	ug/l	99
38) Carbon Tetrachloride	5.77	117	334331	54.632	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	456173	54.600	ug/l	98
40) Benzene	6.13	78	1060296	53.720	ug/l	98
41) Methacrylonitrile	5.02	41	210519	54.651	ug/l	99
42) 1,2-Dichloroethane	6.18	62	363708	52.703	ug/l	100
43) Isopropyl Acetate	6.43	43	620435	53.170	ug/l	100
44) Trichloroethene	7.20	130	293568	51.756	ug/l	99
45) 1,2-Dichloropropane	7.50	63	279323	55.509	ug/l	99
46) Dibromomethane	7.65	93	176848	50.353	ug/l	99
47) Bromodichloromethane	7.89	83	355495	55.626	ug/l	100
48) Methyl methacrylate	7.76	41	305199	54.609	ug/l	98
49) 1,4-Dioxane	7.73	88	112475	949.789	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1911338	268.797	ug/l	99
52) Toluene	8.78	92	665932	52.706	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	397272	53.395	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	438631	54.574	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	273080	53.810	ug/l	98
56) Ethyl methacrylate	9.17	69	430626	55.386	ug/l	99
57) 1,3-Dichloropropane	9.36	76	455098	53.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	692592	261.818	ug/l	99
59) 2-Hexanone	9.48	43	1443952	256.643	ug/l	100
60) Dibromochloromethane	9.57	129	285171	55.906	ug/l	99
61) 1,2-Dibromoethane	9.67	107	281565	52.376	ug/l	100
64) Tetrachloroethene	9.33	164	312246	48.476	ug/l	99
65) Chlorobenzene	10.13	112	727054	52.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	266791	53.599	ug/l	99
67) Ethyl Benzene	10.25	91	1284290	54.023	ug/l	98
68) m/p-Xylenes	10.35	106	995210	108.511	ug/l	100
69) o-Xylene	10.69	106	473456	54.105	ug/l	98
70) Styrene	10.71	104	814402	53.928	ug/l	100
71) Bromoform	10.85	173	218371	53.621	ug/l	100
73) Isopropylbenzene	11.01	105	1268252	55.032	ug/l	99
74) N-amyl acetate	10.89	43	544414	53.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	402899	54.515	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	341450m	50.286	ug/l	
77) Bromobenzene	11.25	156	326102	51.025	ug/l	99
78) n-propylbenzene	11.35	91	1468127	55.626	ug/l	99
79) 2-Chlorotoluene	11.42	91	842696	53.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1066169	55.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	138667	53.991	ug/l	98
82) 4-Chlorotoluene	11.51	91	983425	53.262	ug/l	99
83) tert-Butylbenzene	11.76	119	1009007	55.813	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1070368	55.364	ug/l	100
85) sec-Butylbenzene	11.94	105	1256370	55.903	ug/l	99
86) p-Isopropyltoluene	12.06	119	1167787	55.996	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	588039	51.269	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	580261	53.896	ug/l	98
89) n-Butylbenzene	12.39	91	1032642	54.155	ug/l	99
90) Hexachloroethane	12.59	117	203893	55.659	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	583872	51.958	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	86226	51.867	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	411544	52.186	ug/l	99
94) Hexachlorobutadiene	13.77	225	203057	54.966	ug/l	98
95) Naphthalene	13.83	128	1168328	47.727	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	407814	52.702	ug/l	99

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

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