

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013020\
 Data File : VX014773.D
 Acq On : 30 Jan 2020 17:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:19 AM

Quant Time: Jan 31 04:45:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	629784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	575425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237565	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.48	113	198547	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	8.71	98	754677	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	269607	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	256752	44.882	ug/l	98
3) Chloromethane	1.32	50	250254	43.351	ug/l	100
4) Vinyl Chloride	1.40	62	291254	46.663	ug/l	100
5) Bromomethane	1.63	94	182731	43.102	ug/l	97
6) Chloroethane	1.72	64	164413	45.928	ug/l	99
7) Trichlorofluoromethane	1.92	101	331663	45.635	ug/l	97
8) Diethyl Ether	2.18	74	142615	44.958	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	204003	47.816	ug/l	99
10) Methyl Iodide	2.50	142	267892	47.853	ug/l	99
11) Tert butyl alcohol	3.02	59	217612	194.515	ug/l	99
12) 1,1-Dichloroethene	2.37	96	190644	44.943	ug/l	98
13) Acrolein	2.28	56	207364	235.080	ug/l	100
14) Allyl chloride	2.72	41	351132	46.053	ug/l	98
15) Acrylonitrile	3.13	53	573689	221.629	ug/l	100
16) Acetone	2.43	43	487562	178.570	ug/l	100
17) Carbon Disulfide	2.56	76	492543	42.484	ug/l	98
18) Methyl Acetate	2.76	43	350313	44.938	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	663329	47.742	ug/l	100
20) Methylene Chloride	2.85	84	224441	44.413	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	208935	44.734	ug/l	98
22) Diisopropyl ether	3.84	45	726371	47.884	ug/l	94
23) Vinyl Acetate	3.80	43	2792163	241.462	ug/l	100
24) 1,1-Dichloroethane	3.69	63	389923	47.331	ug/l	99
25) 2-Butanone	4.65	43	787654	201.298	ug/l	98
26) 2,2-Dichloropropane	4.58	77	317232	48.109	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	241890	46.274	ug/l	100
28) Bromochloromethane	5.00	49	163010	45.029	ug/l	99
29) Tetrahydrofuran	5.11	42	511079	220.068	ug/l	100
30) Chloroform	5.20	83	382342	46.851	ug/l	98
31) Cyclohexane	5.57	56	352441	45.486	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	325046	47.121	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288026	49.219	ug/l	99
37) Ethyl Acetate	4.81	43	308519	46.031	ug/l	100
38) Carbon Tetrachloride	5.78	117	279688	50.044	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	363643	49.603	ug/l	97
40) Benzene	6.13	78	876317	48.465	ug/l	99
41) Methacrylonitrile	5.03	41	172431	45.069	ug/l	97
42) 1,2-Dichloroethane	6.18	62	307822	49.300	ug/l	99
43) Isopropyl Acetate	6.43	43	514346	46.863	ug/l	100
44) Trichloroethene	7.20	130	241788	47.342	ug/l	96
45) 1,2-Dichloropropane	7.50	63	231071	49.606	ug/l	98
46) Dibromomethane	7.65	93	148927	49.364	ug/l	99
47) Bromodichloromethane	7.89	83	301240	50.910	ug/l	98
48) Methyl methacrylate	7.76	41	257638	49.129	ug/l	99
49) 1,4-Dioxane	7.73	88	88064	792.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1601174	231.142	ug/l	100
52) Toluene	8.78	92	548017	49.306	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	329716	51.750	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	369608	52.733	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	225169	49.481	ug/l	99
56) Ethyl methacrylate	9.17	69	353541	45.976	ug/l	100
57) 1,3-Dichloropropane	9.36	76	379362	48.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	542180	236.911	ug/l	99
59) 2-Hexanone	9.48	43	1205904	224.337	ug/l	99
60) Dibromochloromethane	9.57	129	237882	50.082	ug/l	98
61) 1,2-Dibromoethane	9.67	107	233084	48.445	ug/l	100
64) Tetrachloroethene	9.33	164	259457	45.551	ug/l	99
65) Chlorobenzene	10.13	112	593506	48.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	221231	48.750	ug/l	98
67) Ethyl Benzene	10.25	91	1061770	50.522	ug/l	99
68) m/p-Xylenes	10.35	106	817890	102.727	ug/l	98
69) o-Xylene	10.70	106	388967	50.605	ug/l	99
70) Styrene	10.71	104	671102	52.050	ug/l	100
71) Bromoform	10.85	173	186121	51.574	ug/l #	99
73) Isopropylbenzene	11.01	105	1044337	50.382	ug/l	100
74) N-amyl acetate	10.89	43	449965	49.537	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	335992	45.398	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	285472m	41.622	ug/l	
77) Bromobenzene	11.25	156	271840	48.816	ug/l	97
78) n-propylbenzene	11.35	91	1212875	51.549	ug/l	100
79) 2-Chlorotoluene	11.42	91	694241	48.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	879068	51.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	115063	47.742	ug/l	100
82) 4-Chlorotoluene	11.51	91	811430	50.065	ug/l	99
83) tert-Butylbenzene	11.76	119	831744	51.450	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	885450	51.312	ug/l	99
85) sec-Butylbenzene	11.94	105	1028353	51.925	ug/l	100
86) p-Isopropyltoluene	12.06	119	941126	51.421	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	482862	48.249	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	482326	48.113	ug/l	100
89) n-Butylbenzene	12.38	91	833281	52.275	ug/l	99
90) Hexachloroethane	12.59	117	167822	49.366	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	483426	48.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70637	44.423	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	330382	51.555	ug/l	98
94) Hexachlorobutadiene	13.77	225	169977	51.535	ug/l	97
95) Naphthalene	13.83	128	952130	46.148	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	329163	50.798	ug/l	98

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

