

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\
 Data File : VX007825.D
 Acq On : 04 Mar 2019 21:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/5/2019 9:35:01 AM

Quant Time: Mar 04 22:55:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	451746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	393480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204621	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152136	40.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.28%	
35) Dibromofluoromethane	5.50	113	135867	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
50) Toluene-d8	8.71	98	492546	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	
62) 4-Bromofluorobenzene	11.13	95	177373	41.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114680	41.192	ug/l	99
3) Chloromethane	1.33	50	141925	46.003	ug/l	100
4) Vinyl Chloride	1.41	62	147991	46.756	ug/l	99
5) Bromomethane	1.64	94	78111	38.832	ug/l	99
6) Chloroethane	1.71	64	118455	58.577	ug/l	99
7) Trichlorofluoromethane	1.93	101	203737	41.988	ug/l	98
8) Diethyl Ether	2.19	74	92906	46.654	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124783	42.548	ug/l	98
10) Methyl Iodide	2.51	142	186310	51.019	ug/l	96
11) Tert butyl alcohol	3.08	59	184064	259.143	ug/l	100
12) 1,1-Dichloroethene	2.37	96	123201	46.604	ug/l	94
13) Acrolein	2.30	56	183291	290.402	ug/l	100
14) Allyl chloride	2.73	41	265368	54.289	ug/l	89
15) Acrylonitrile	3.15	53	442641	264.816	ug/l	99
16) Acetone	2.45	43	366778	220.320	ug/l	98
17) Carbon Disulfide	2.57	76	359924	48.938	ug/l	99
18) Methyl Acetate	2.78	43	227210	62.546	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	451574	49.053	ug/l	99
20) Methylene Chloride	2.85	84	145235	47.246	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	132783	46.203	ug/l	95
22) Diisopropyl ether	3.87	45	495200	48.666	ug/l	94
23) Vinyl Acetate	3.82	43	2172046	243.299	ug/l	98
24) 1,1-Dichloroethane	3.70	63	265128	47.942	ug/l	99
25) 2-Butanone	4.70	43	613050	241.753	ug/l	94
26) 2,2-Dichloropropane	4.59	77	174228	39.468	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161258	44.098	ug/l	94
28) Bromochloromethane	5.02	49	125452	46.598	ug/l	87
29) Tetrahydrofuran	5.15	42	407598	243.842	ug/l	94
30) Chloroform	5.21	83	253627	42.815	ug/l	100
31) Cyclohexane	5.57	56	233010	44.793	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	216357	44.163	ug/l	98
36) 1,1-Dichloropropene	5.80	75	189621	46.689	ug/l	97
37) Ethyl Acetate	4.85	43	230522	51.096	ug/l	100
38) Carbon Tetrachloride	5.78	117	190277	46.640	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224841	43.803	ug/l	94
40) Benzene	6.14	78	584834	46.648	ug/l	100
41) Methacrylonitrile	5.06	41	131805	54.712	ug/l	94
42) 1,2-Dichloroethane	6.20	62	193824	45.997	ug/l	98
43) Isopropyl Acetate	6.46	43	361703	52.093	ug/l	98
44) Trichloroethene	7.21	130	158224	45.877	ug/l	96
45) 1,2-Dichloropropane	7.51	63	158816	48.902	ug/l	99
46) Dibromomethane	7.66	93	99336	43.844	ug/l	97
47) Bromodichloromethane	7.90	83	197365	50.267	ug/l	98
48) Methyl methacrylate	7.77	41	187752	51.585	ug/l	91
49) 1,4-Dioxane	7.75	88	76784	976.769	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1153448	248.171	ug/l	99
52) Toluene	8.79	92	354931	44.895	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	215443	44.466	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	236746	49.687	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	149645	45.392	ug/l	99
56) Ethyl methacrylate	9.18	69	235056	50.138	ug/l	94
57) 1,3-Dichloropropane	9.37	76	249001	47.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	609572	235.783	ug/l	97
59) 2-Hexanone	9.49	43	874616	239.690	ug/l	99
60) Dibromochloromethane	9.58	129	165939	52.310	ug/l	99
61) 1,2-Dibromoethane	9.67	107	157632	46.053	ug/l	99
64) Tetrachloroethene	9.34	164	155496	48.679	ug/l	97
65) Chlorobenzene	10.14	112	394253	46.327	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	149718	50.435	ug/l	99
67) Ethyl Benzene	10.25	91	667344	47.337	ug/l	100
68) m/p-Xylenes	10.36	106	514328	93.780	ug/l	98
69) o-Xylene	10.69	106	251593	47.692	ug/l	97
70) Styrene	10.71	104	415130	47.875	ug/l	100
71) Bromoform	10.85	173	135023	60.656	ug/l #	99
73) Isopropylbenzene	11.02	105	668935	45.741	ug/l	99
74) N-amyl acetate	10.90	43	315695	49.709	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229332	45.339	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	216808m	49.708	ug/l	
77) Bromobenzene	11.26	156	177616	48.421	ug/l	94
78) n-propylbenzene	11.36	91	743987	45.019	ug/l	98
79) 2-Chlorotoluene	11.42	91	442888	44.509	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	548650	45.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70628	43.791	ug/l	89
82) 4-Chlorotoluene	11.51	91	511314	43.925	ug/l	98
83) tert-Butylbenzene	11.77	119	558330	48.340	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	567360	46.108	ug/l	98
85) sec-Butylbenzene	11.94	105	662077	45.744	ug/l	98
86) p-Isopropyltoluene	12.06	119	593411	46.817	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314827	46.271	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	317501	45.563	ug/l	99
89) n-Butylbenzene	12.38	91	497784	44.036	ug/l	99
90) Hexachloroethane	12.60	117	104939	49.136	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	319725	46.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50555	45.871	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228869	55.075	ug/l	99
94) Hexachlorobutadiene	13.78	225	118544	62.357	ug/l	100
95) Naphthalene	13.83	128	692407	51.428	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	228408	54.739	ug/l	99

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

