

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041819\
 Data File : VX009057.D
 Acq On : 18 Apr 2019 20:26
 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
 4/19/2019 9:12:04 AM

Quant Time: Apr 19 05:47:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131318	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	145968	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	5.50	113	106844	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
50) Toluene-d8	8.71	98	421954	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.13	95	147443	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122401	55.033	ug/l	99
3) Chloromethane	1.32	50	124602	45.633	ug/l	99
4) Vinyl Chloride	1.41	62	133210	50.123	ug/l	99
5) Bromomethane	1.64	94	40025	26.047	ug/l	98
6) Chloroethane	1.71	64	86131	55.114	ug/l	98
7) Trichlorofluoromethane	1.92	101	162201	52.274	ug/l	98
8) Diethyl Ether	2.19	74	74830	52.732	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103510	52.174	ug/l	98
10) Methyl Iodide	2.51	142	40399	21.394	ug/l	99
11) Tert butyl alcohol	3.06	59	174502	288.880	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106271	51.319	ug/l	99
13) Acrolein	2.29	56	109724	210.225	ug/l	99
14) Allyl chloride	2.73	41	250877	55.531	ug/l	99
15) Acrylonitrile	3.15	53	441564	287.962	ug/l	100
16) Acetone	2.45	43	387594	274.651	ug/l	98
17) Carbon Disulfide	2.57	76	306124	50.299	ug/l	99
18) Methyl Acetate	2.78	43	208741	59.266	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	407716	55.258	ug/l	100
20) Methylene Chloride	2.85	84	124794	51.710	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	111904	50.664	ug/l	97
22) Diisopropyl ether	3.86	45	492687	56.121	ug/l	90
23) Vinyl Acetate	3.82	43	2209469	286.312	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241344	54.765	ug/l	99
25) 2-Butanone	4.68	43	666802	295.601	ug/l	100
26) 2,2-Dichloropropane	4.58	77	149676	45.311	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	133537	53.250	ug/l	100
28) Bromochloromethane	5.02	49	102557	56.271	ug/l	97
29) Tetrahydrofuran	5.13	42	448175	296.841	ug/l	98
30) Chloroform	5.21	83	215476	54.641	ug/l	100
31) Cyclohexane	5.58	56	232607	53.665	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	178135	54.502	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168645	50.456	ug/l	98
37) Ethyl Acetate	4.84	43	252312	58.664	ug/l	100
38) Carbon Tetrachloride	5.79	117	148588	52.438	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201244	49.451	ug/l	99
40) Benzene	6.14	78	514540	52.182	ug/l	99
41) Methacrylonitrile	5.05	41	138528	56.120	ug/l	98
42) 1,2-Dichloroethane	6.20	62	183123	52.427	ug/l	99
43) Isopropyl Acetate	6.45	43	386999	55.836	ug/l	99
44) Trichloroethene	7.21	130	119043	49.273	ug/l	97
45) 1,2-Dichloropropane	7.51	63	146880	53.693	ug/l	100
46) Dibromomethane	7.66	93	83179	52.248	ug/l	100
47) Bromodichloromethane	7.90	83	165273	52.929	ug/l	97
48) Methyl methacrylate	7.77	41	192259	56.139	ug/l	99
49) 1,4-Dioxane	7.74	88	68242	1064.627	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1257689	284.830	ug/l	99
52) Toluene	8.79	92	302667	51.217	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	187162	52.082	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	208272	51.760	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124091	52.982	ug/l	99
56) Ethyl methacrylate	9.18	69	229407	54.626	ug/l	99
57) 1,3-Dichloropropane	9.37	76	220372	52.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	618691	273.574	ug/l	99
59) 2-Hexanone	9.49	43	948296	278.557	ug/l	100
60) Dibromochloromethane	9.59	129	122552	54.596	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128410	53.122	ug/l	100
64) Tetrachloroethene	9.34	164	109031	50.777	ug/l	97
65) Chlorobenzene	10.14	112	303884	50.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113190	53.856	ug/l	99
67) Ethyl Benzene	10.25	91	570051	52.269	ug/l	99
68) m/p-Xylenes	10.36	106	409929	103.425	ug/l	99
69) o-Xylene	10.70	106	197865	51.306	ug/l	97
70) Styrene	10.71	104	348264	52.111	ug/l	99
71) Bromoform	10.86	173	89492	53.447	ug/l #	99
73) Isopropylbenzene	11.02	105	530509	53.297	ug/l	100
74) N-amyl acetate	10.90	43	322357	56.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	197617	54.337	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	166452m	51.910	ug/l	
77) Bromobenzene	11.26	156	127230	50.661	ug/l	96
78) n-propylbenzene	11.36	91	612476	53.610	ug/l	100
79) 2-Chlorotoluene	11.42	91	364256	52.909	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	446201	53.420	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64350	51.521	ug/l	96
82) 4-Chlorotoluene	11.51	91	413698	51.741	ug/l	100
83) tert-Butylbenzene	11.77	119	432049	53.876	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	449384	52.854	ug/l	100
85) sec-Butylbenzene	11.94	105	506441	52.950	ug/l	100
86) p-Isopropyltoluene	12.06	119	460148	52.329	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	220721	50.215	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	222889	50.022	ug/l	99
89) n-Butylbenzene	12.39	91	426417	52.070	ug/l	99
90) Hexachloroethane	12.60	117	78438	54.076	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	221684	51.074	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45721	55.214	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157481	50.262	ug/l	100
94) Hexachlorobutadiene	13.78	225	77518	49.605	ug/l	99
95) Naphthalene	13.83	128	539001	53.695	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158571	51.293	ug/l	100

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

