

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052119\
 Data File : VX009768.D
 Acq On : 21 May 2019 23:11
 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
 5/22/2019 11:39:39 AM

Quant Time: May 22 08:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	154224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	249460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111838	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.50	113	79930	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.71	98	332251	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.13	95	121165	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67746	47.668	ug/l	99
3) Chloromethane	1.32	50	102468	52.810	ug/l	99
4) Vinyl Chloride	1.41	62	101607	53.702	ug/l	100
5) Bromomethane	1.64	94	68670	60.469	ug/l	97
6) Chloroethane	1.71	64	63385	52.179	ug/l	99
7) Trichlorofluoromethane	1.92	101	121436	52.801	ug/l	99
8) Diethyl Ether	2.19	74	56728	52.072	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71241	49.327	ug/l	99
10) Methyl Iodide	2.51	142	61774	38.024	ug/l	99
11) Tert butyl alcohol	3.06	59	130376	267.528	ug/l	99
12) 1,1-Dichloroethene	2.37	96	74989	51.821	ug/l	100
13) Acrolein	2.29	56	97228	220.299	ug/l	100
14) Allyl chloride	2.73	41	184195	52.232	ug/l	99
15) Acrylonitrile	3.14	53	317734	266.652	ug/l	99
16) Acetone	2.45	43	278840	246.655	ug/l	97
17) Carbon Disulfide	2.57	76	226444	55.737	ug/l	98
18) Methyl Acetate	2.78	43	137514	51.149	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	297023	52.857	ug/l	100
20) Methylene Chloride	2.85	84	92614	50.597	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	82841	52.787	ug/l	98
22) Diisopropyl ether	3.85	45	362282	53.419	ug/l	96
23) Vinyl Acetate	3.81	43	1643251	282.958	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172780	51.644	ug/l	99
25) 2-Butanone	4.67	43	479738	273.084	ug/l	98
26) 2,2-Dichloropropane	4.58	77	106185	42.640	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	95588	51.029	ug/l	99
28) Bromochloromethane	5.02	49	84659	63.607	ug/l	98
29) Tetrahydrofuran	5.13	42	318588	281.823	ug/l	98
30) Chloroform	5.21	83	159139	52.593	ug/l	99
31) Cyclohexane	5.58	56	168402	54.103	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	132469	52.590	ug/l	100
36) 1,1-Dichloropropene	5.80	75	121813	52.545	ug/l	100
37) Ethyl Acetate	4.84	43	182462	56.489	ug/l	99
38) Carbon Tetrachloride	5.78	117	111353	52.867	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	146881	51.591	ug/l	97
40) Benzene	6.14	78	376454	52.470	ug/l	99
41) Methacrylonitrile	5.04	41	102745	53.437	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138938	53.985	ug/l	98
43) Isopropyl Acetate	6.45	43	287343	55.615	ug/l	99
44) Trichloroethene	7.21	130	88993	51.308	ug/l	100
45) 1,2-Dichloropropane	7.51	63	108369	53.343	ug/l	96
46) Dibromomethane	7.66	93	60511	51.292	ug/l	99
47) Bromodichloromethane	7.90	83	125033	53.131	ug/l	96
48) Methyl methacrylate	7.77	41	146501	57.154	ug/l	97
49) 1,4-Dioxane	7.74	88	52805	1015.814	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	962179	284.921	ug/l	98
52) Toluene	8.79	92	231932	53.180	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143065	53.847	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156141	53.095	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93091	52.320	ug/l	98
56) Ethyl methacrylate	9.18	69	174818	55.042	ug/l	97
57) 1,3-Dichloropropane	9.37	76	165998	53.016	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	428412	254.264	ug/l	99
59) 2-Hexanone	9.49	43	739214	278.711	ug/l	98
60) Dibromochloromethane	9.58	129	93847	54.004	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95218	53.015	ug/l	100
64) Tetrachloroethene	9.34	164	79771	50.547	ug/l	99
65) Chlorobenzene	10.13	112	239310	51.997	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	86345	51.748	ug/l	100
67) Ethyl Benzene	10.25	91	446337	52.695	ug/l	100
68) m/p-Xylenes	10.36	106	327563	105.827	ug/l	98
69) o-Xylene	10.69	106	159818	52.332	ug/l	99
70) Styrene	10.71	104	281764	53.083	ug/l	99
71) Bromoform	10.85	173	72613	53.551	ug/l #	100
73) Isopropylbenzene	11.02	105	426010	51.987	ug/l	99
74) N-amyl acetate	10.90	43	263434	55.140	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	155934	51.045	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137579m	52.632	ug/l	
77) Bromobenzene	11.26	156	106188	52.208	ug/l	99
78) n-propylbenzene	11.36	91	488603	52.209	ug/l	100
79) 2-Chlorotoluene	11.42	91	294786	51.056	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	361092	52.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50906	49.828	ug/l	97
82) 4-Chlorotoluene	11.51	91	340997	52.278	ug/l	99
83) tert-Butylbenzene	11.77	119	347724	51.805	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	362901	52.399	ug/l	100
85) sec-Butylbenzene	11.94	105	406552	51.089	ug/l	100
86) p-Isopropyltoluene	12.06	119	370544	51.795	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185438	51.143	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184217	50.394	ug/l	100
89) n-Butylbenzene	12.38	91	335310	51.857	ug/l	100
90) Hexachloroethane	12.60	117	63691	52.257	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	186168	50.410	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36310	52.985	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128583	50.915	ug/l	99
94) Hexachlorobutadiene	13.78	225	64825	50.265	ug/l	99
95) Naphthalene	13.83	128	427875	52.076	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132402	51.720	ug/l	99

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

