

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012426.D
 Acq On : 16 Sep 2019 23:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 12:14:40 PM

Quant Time: Sep 17 05:49:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	187766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	176855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	115662	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	81631	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	307302	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	125731	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56000	50.810	ug/l	98
3) Chloromethane	1.32	50	45058	51.414	ug/l	95
4) Vinyl Chloride	1.40	62	50681	52.952	ug/l	99
5) Bromomethane	1.62	94	17055	41.822	ug/l	96
6) Chloroethane	1.70	64	34972	55.151	ug/l	99
7) Trichlorofluoromethane	1.92	101	95329	54.241	ug/l	98
8) Diethyl Ether	2.18	74	40181	52.487	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65927	52.088	ug/l	99
10) Methyl Iodide	2.50	142	40538	33.508	ug/l	99
11) Tert butyl alcohol	3.04	59	150337	254.759	ug/l	98
12) 1,1-Dichloroethene	2.36	96	53463	53.675	ug/l	87
13) Acrolein	2.28	56	53811	211.621	ug/l	98
14) Allyl chloride	2.72	41	124587	54.240	ug/l	98
15) Acrylonitrile	3.13	53	257481	263.805	ug/l	100
16) Acetone	2.44	43	244368	232.640	ug/l	99
17) Carbon Disulfide	2.56	76	73329	49.478	ug/l	100
18) Methyl Acetate	2.76	43	126867	54.242	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	289169	53.718	ug/l	99
20) Methylene Chloride	2.84	84	70056	48.883	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	55575	51.900	ug/l	93
22) Diisopropyl ether	3.84	45	284985	54.035	ug/l	96
23) Vinyl Acetate	3.80	43	1230953	282.755	ug/l	98
24) 1,1-Dichloroethane	3.69	63	139398	52.822	ug/l	99
25) 2-Butanone	4.66	43	390918	261.222	ug/l	99
26) 2,2-Dichloropropane	4.57	77	112030	44.504	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	81883	52.178	ug/l	98
28) Bromochloromethane	5.00	49	65938	48.789	ug/l	96
29) Tetrahydrofuran	5.12	42	237343	273.449	ug/l	98
30) Chloroform	5.20	83	153638	50.381	ug/l	97
31) Cyclohexane	5.57	56	87224	54.286	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	132615	52.351	ug/l	100
36) 1,1-Dichloropropene	5.79	75	87198	50.255	ug/l	100
37) Ethyl Acetate	4.82	43	141523	52.975	ug/l	99
38) Carbon Tetrachloride	5.77	117	109273	51.605	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88702	53.222	ug/l	97
40) Benzene	6.14	78	279000	52.182	ug/l	100
41) Methacrylonitrile	5.03	41	82177	53.875	ug/l	98
42) 1,2-Dichloroethane	6.19	62	125932	51.731	ug/l	99
43) Isopropyl Acetate	6.44	43	241688	52.728	ug/l	99
44) Trichloroethene	7.20	130	72302	50.350	ug/l	99
45) 1,2-Dichloropropane	7.51	63	83565	51.142	ug/l	98
46) Dibromomethane	7.65	93	54001	49.539	ug/l	97
47) Bromodichloromethane	7.89	83	124634	51.213	ug/l	97
48) Methyl methacrylate	7.76	41	114384	50.304	ug/l	98
49) 1,4-Dioxane	7.73	88	52139	996.948	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	789516	265.823	ug/l	99
52) Toluene	8.78	92	179831	51.670	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	129609	51.355	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	134086	51.398	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89324	48.843	ug/l	98
56) Ethyl methacrylate	9.17	69	147190	53.496	ug/l	98
57) 1,3-Dichloropropane	9.37	76	145907	50.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	387380	261.583	ug/l	98
59) 2-Hexanone	9.49	43	607425	265.280	ug/l	99
60) Dibromochloromethane	9.58	129	97790	46.689	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85116	50.596	ug/l	99
64) Tetrachloroethene	9.33	164	58652	50.013	ug/l	98
65) Chlorobenzene	10.14	112	208984	50.611	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89844	51.284	ug/l	98
67) Ethyl Benzene	10.25	91	369281	52.404	ug/l	99
68) m/p-Xylenes	10.36	106	269821	103.731	ug/l	100
69) o-Xylene	10.70	106	138701	51.420	ug/l	97
70) Styrene	10.71	104	248444	53.083	ug/l	99
71) Bromoform	10.85	173	69744	45.716	ug/l #	99
73) Isopropylbenzene	11.01	105	392065	53.500	ug/l	99
74) N-amyl acetate	10.89	43	222695	57.327	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	153793	52.335	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	144285m	52.914	ug/l	
77) Bromobenzene	11.25	156	94897	50.292	ug/l	96
78) n-propylbenzene	11.35	91	442885	53.475	ug/l	99
79) 2-Chlorotoluene	11.42	91	277373	52.169	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	336889	52.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47154	48.817	ug/l	98
82) 4-Chlorotoluene	11.51	91	326860	52.718	ug/l	99
83) tert-Butylbenzene	11.77	119	355064	52.456	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	349340	53.951	ug/l	99
85) sec-Butylbenzene	11.94	105	397626	53.136	ug/l	99
86) p-Isopropyltoluene	12.06	119	367365	53.584	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	173465	49.109	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178424	49.944	ug/l	99
89) n-Butylbenzene	12.39	91	324851	53.655	ug/l	99
90) Hexachloroethane	12.59	117	68902	51.986	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	185574	51.323	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42028	54.144	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121495	50.217	ug/l	99
94) Hexachlorobutadiene	13.78	225	54204	46.524	ug/l	98
95) Naphthalene	13.83	128	459221	51.403	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	124414	51.558	ug/l	98

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

