

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
 Data File : VX011643.D
 Acq On : 19 Aug 2019 19:37
 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
 8/20/2019 3:48:51 PM

Quant Time: Aug 20 11:55:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	359278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	473231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	433923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	161889	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	5.49	113	151008	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	8.71	98	485257	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	204404	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	184934	52.367	ug/l	99
3) Chloromethane	1.32	50	160583	43.780	ug/l	100
4) Vinyl Chloride	1.40	62	161268	48.672	ug/l	98
5) Bromomethane	1.63	94	80107	53.957	ug/l	99
6) Chloroethane	1.71	64	82361	52.520	ug/l	97
7) Trichlorofluoromethane	1.92	101	237852	51.827	ug/l	99
8) Diethyl Ether	2.18	74	80291	51.001	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153742	48.501	ug/l	100
10) Methyl Iodide	2.50	142	213394	47.256	ug/l	99
11) Tert butyl alcohol	3.04	59	206499	252.631	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145953	47.644	ug/l	98
13) Acrolein	2.29	56	64814	257.325	ug/l	98
14) Allyl chloride	2.72	41	255513	50.140	ug/l	99
15) Acrylonitrile	3.14	53	481275	257.260	ug/l	100
16) Acetone	2.43	43	404758	241.602	ug/l	99
17) Carbon Disulfide	2.56	76	344752	47.759	ug/l	98
18) Methyl Acetate	2.76	43	275261	52.979	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	521991	52.319	ug/l	99
20) Methylene Chloride	2.85	84	168931	48.025	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	159685	49.190	ug/l	98
22) Diisopropyl ether	3.85	45	517288	50.971	ug/l	99
23) Vinyl Acetate	3.81	43	2093557	260.510	ug/l	99
24) 1,1-Dichloroethane	3.69	63	284712	49.620	ug/l	100
25) 2-Butanone	4.67	43	668902	254.327	ug/l	97
26) 2,2-Dichloropropane	4.57	77	206391	47.792	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	188608	49.838	ug/l	99
28) Bromochloromethane	5.01	49	119072	47.273	ug/l	100
29) Tetrahydrofuran	5.12	42	441407	255.849	ug/l	100
30) Chloroform	5.20	83	301208	49.741	ug/l	98
31) Cyclohexane	5.57	56	250742	50.755	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	266560	51.194	ug/l	99
36) 1,1-Dichloropropene	5.79	75	216713	53.561	ug/l	99
37) Ethyl Acetate	4.82	43	249493	53.611	ug/l	99
38) Carbon Tetrachloride	5.78	117	234667	52.643	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	263027	52.641	ug/l	98
40) Benzene	6.13	78	642402	51.092	ug/l	100
41) Methacrylonitrile	5.03	41	141331	55.180	ug/l	99
42) 1,2-Dichloroethane	6.18	62	234540	53.840	ug/l	98
43) Isopropyl Acetate	6.44	43	387519	53.357	ug/l	98
44) Trichloroethene	7.21	130	193362	51.840	ug/l	99
45) 1,2-Dichloropropane	7.51	63	168101	53.608	ug/l	98
46) Dibromomethane	7.66	93	116913	51.307	ug/l	100
47) Bromodichloromethane	7.90	83	223570	53.435	ug/l	100
48) Methyl methacrylate	7.76	41	198778	55.268	ug/l	99
49) 1,4-Dioxane	7.74	88	97464	1018.845	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1300718	273.619	ug/l	100
52) Toluene	8.78	92	408480	50.994	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	228929	52.721	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	265205	55.808	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	167464	49.161	ug/l	98
56) Ethyl methacrylate	9.18	69	256934	51.895	ug/l	96
57) 1,3-Dichloropropane	9.37	76	266157	49.154	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	664338	269.298	ug/l	99
59) 2-Hexanone	9.49	43	933464	254.636	ug/l	99
60) Dibromochloromethane	9.58	129	186319	52.497	ug/l	99
61) 1,2-Dibromoethane	9.67	107	180618	49.682	ug/l	100
64) Tetrachloroethene	9.34	164	166958	46.895	ug/l	98
65) Chlorobenzene	10.13	112	469922	50.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	184346	53.290	ug/l	100
67) Ethyl Benzene	10.25	91	820742	53.136	ug/l	99
68) m/p-Xylenes	10.35	106	646911	109.110	ug/l	97
69) o-Xylene	10.69	106	313120	53.915	ug/l	98
70) Styrene	10.71	104	529699	54.179	ug/l	100
71) Bromoform	10.85	173	163167	48.634	ug/l #	99
73) Isopropylbenzene	11.02	105	836711	51.866	ug/l	99
74) N-amyl acetate	10.90	43	346736	50.577	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	275196	49.589	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	237327m	50.342	ug/l	
77) Bromobenzene	11.25	156	240156	50.037	ug/l	98
78) n-propylbenzene	11.36	91	911634	52.407	ug/l	99
79) 2-Chlorotoluene	11.42	91	549081	51.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	716306	52.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	81371	47.049	ug/l	98
82) 4-Chlorotoluene	11.51	91	634765	51.222	ug/l	99
83) tert-Butylbenzene	11.77	119	722149	52.322	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	726957	53.434	ug/l	100
85) sec-Butylbenzene	11.94	105	814433	52.301	ug/l	100
86) p-Isopropyltoluene	12.06	119	781104	53.319	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	421807	51.129	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	425130	50.844	ug/l	99
89) n-Butylbenzene	12.38	91	637672	52.945	ug/l	100
90) Hexachloroethane	12.59	117	124411	53.779	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	425408	51.369	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63598	50.092	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	326955	52.987	ug/l	99
94) Hexachlorobutadiene	13.78	225	170475	50.737	ug/l	99
95) Naphthalene	13.83	128	969661	55.587	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329338	52.917	ug/l	99

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

