

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012515.D
 Acq On : 19 Sep 2019 08:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:07:37 PM

Quant Time: Sep 19 09:43:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	320746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140239	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
35) Dibromofluoromethane	5.48	113	104221	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	8.71	98	382681	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	11.14	95	156339	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	59251	48.562	ug/l	96
3) Chloromethane	1.32	50	49918	49.638	ug/l	99
4) Vinyl Chloride	1.40	62	55387	50.958	ug/l	96
5) Bromomethane	1.63	94	20043	46.937	ug/l	97
6) Chloroethane	1.71	64	40722	47.877	ug/l	98
7) Trichlorofluoromethane	1.92	101	104824	52.610	ug/l	94
8) Diethyl Ether	2.18	74	44638	49.601	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73702	51.125	ug/l	97
10) Methyl Iodide	2.50	142	59745	48.445	ug/l	97
11) Tert butyl alcohol	3.03	59	164498	247.372	ug/l	99
12) 1,1-Dichloroethene	2.36	96	61528	53.502	ug/l	97
13) Acrolein	2.28	56	48741	211.473	ug/l	98
14) Allyl chloride	2.72	41	134185	50.117	ug/l	99
15) Acrylonitrile	3.13	53	290103	255.364	ug/l	100
16) Acetone	2.44	43	267728	222.632	ug/l	100
17) Carbon Disulfide	2.56	76	75929	46.805	ug/l	97
18) Methyl Acetate	2.76	43	148218	54.257	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	327753	52.270	ug/l	100
20) Methylene Chloride	2.84	84	81588	51.424	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	63122	52.856	ug/l	99
22) Diisopropyl ether	3.84	45	324447	51.754	ug/l	98
23) Vinyl Acetate	3.80	43	1318114	255.602	ug/l	99
24) 1,1-Dichloroethane	3.69	63	158995	53.008	ug/l	99
25) 2-Butanone	4.66	43	424404	233.381	ug/l	100
26) 2,2-Dichloropropane	4.57	77	90871	30.805	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	95521	53.544	ug/l	91
28) Bromochloromethane	5.01	49	81511	52.712	ug/l	97
29) Tetrahydrofuran	5.12	42	260322	259.127	ug/l	99
30) Chloroform	5.20	83	175755	51.021	ug/l	97
31) Cyclohexane	5.57	56	93479	51.627	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	149900	52.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94442	48.448	ug/l	95
37) Ethyl Acetate	4.82	43	153765	51.388	ug/l	99
38) Carbon Tetrachloride	5.77	117	121555	50.137	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	95459	50.374	ug/l	96
40) Benzene	6.13	78	319273	51.505	ug/l	98
41) Methacrylonitrile	5.03	41	90897	47.178	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141177	49.103	ug/l	99
43) Isopropyl Acetate	6.43	43	263031	48.977	ug/l	99
44) Trichloroethene	7.21	130	87414	53.608	ug/l	97
45) 1,2-Dichloropropane	7.51	63	95189	49.983	ug/l	97
46) Dibromomethane	7.65	93	62665	50.848	ug/l	100
47) Bromodichloromethane	7.89	83	140378	51.157	ug/l	98
48) Methyl methacrylate	7.76	41	126121	49.819	ug/l	98
49) 1,4-Dioxane	7.73	88	58219	944.886	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	863438	245.160	ug/l	99
52) Toluene	8.78	92	206252	51.636	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136407	47.821	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143018	48.430	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	103525	50.307	ug/l	99
56) Ethyl methacrylate	9.17	69	164936	51.263	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165820	50.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	440291	264.363	ug/l	99
59) 2-Hexanone	9.49	43	657102	239.146	ug/l	98
60) Dibromochloromethane	9.58	129	112840	53.832	ug/l	97
61) 1,2-Dibromoethane	9.67	107	99471	52.926	ug/l	100
64) Tetrachloroethene	9.33	164	76807	57.425	ug/l	92
65) Chlorobenzene	10.14	112	244563	50.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103992	52.012	ug/l	99
67) Ethyl Benzene	10.25	91	421966	50.982	ug/l	99
68) m/p-Xylenes	10.35	106	311418	103.409	ug/l	98
69) o-Xylene	10.70	106	160933	51.963	ug/l	100
70) Styrene	10.71	104	287520	52.470	ug/l	99
71) Bromoform	10.85	173	79873	46.604	ug/l #	100
73) Isopropylbenzene	11.01	105	448516	50.614	ug/l	99
74) N-amyl acetate	10.89	43	236880	49.652	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	172469	49.615	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	160128m	49.358	ug/l	
77) Bromobenzene	11.25	156	111738	51.703	ug/l	98
78) n-propylbenzene	11.35	91	492846	49.901	ug/l	99
79) 2-Chlorotoluene	11.42	91	314018	48.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	383899	50.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44522	38.439	ug/l	95
82) 4-Chlorotoluene	11.51	91	367576	49.847	ug/l	100
83) tert-Butylbenzene	11.77	119	390079	48.169	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	390752	50.357	ug/l	99
85) sec-Butylbenzene	11.94	105	442482	49.586	ug/l	98
86) p-Isopropyltoluene	12.06	119	406747	49.640	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205008	50.429	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	210571	50.425	ug/l	99
89) n-Butylbenzene	12.38	91	346385	47.379	ug/l	99
90) Hexachloroethane	12.59	117	75937	50.543	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	217612	51.215	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45297	50.263	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140930	51.494	ug/l	99
94) Hexachlorobutadiene	13.77	225	60180	46.654	ug/l	98
95) Naphthalene	13.83	128	528620	54.283	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148089	53.099	ug/l	100

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

