

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011497.D
 Acq On : 12 Aug 2019 20:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 9:18:17 AM

Quant Time: Aug 13 08:56:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	154341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	87546	56.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.66%	
35) Dibromofluoromethane	5.49	113	75871	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	274578	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	104853	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	55150	46.265	ug/l	98
3) Chloromethane	1.32	50	57701	43.105	ug/l	99
4) Vinyl Chloride	1.40	62	62941	42.745	ug/l	99
5) Bromomethane	1.63	94	47910	45.622	ug/l	98
6) Chloroethane	1.71	64	44149	48.343	ug/l	98
7) Trichlorofluoromethane	1.92	101	117237	44.779	ug/l	96
8) Diethyl Ether	2.18	74	41437	44.324	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67794	47.856	ug/l	96
10) Methyl Iodide	2.50	142	82916	46.426	ug/l	96
11) Tert butyl alcohol	3.04	59	86213	278.159	ug/l	100
12) 1,1-Dichloroethene	2.36	96	64433	45.884	ug/l	87
13) Acrolein	2.29	56	41890	217.426	ug/l	98
14) Allyl chloride	2.72	41	100550	53.711	ug/l	96
15) Acrylonitrile	3.14	53	199380	269.572	ug/l	99
16) Acetone	2.44	43	174237	235.514	ug/l	97
17) Carbon Disulfide	2.56	76	143869	43.659	ug/l	99
18) Methyl Acetate	2.76	43	95617	56.555	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	226918	54.834	ug/l	98
20) Methylene Chloride	2.85	84	76856	47.435	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	69881	47.044	ug/l	91
22) Diisopropyl ether	3.85	45	217267	52.806	ug/l	98
23) Vinyl Acetate	3.81	43	953089	279.288	ug/l	98
24) 1,1-Dichloroethane	3.69	63	126045	51.953	ug/l	99
25) 2-Butanone	4.67	43	279480	265.568	ug/l	98
26) 2,2-Dichloropropane	4.57	77	89633	47.526	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	84557	49.420	ug/l	98
28) Bromochloromethane	5.01	49	60438	54.643	ug/l	95
29) Tetrahydrofuran	5.12	42	174783	270.868	ug/l	99
30) Chloroform	5.20	83	140707	53.361	ug/l	96
31) Cyclohexane	5.57	56	95874	47.898	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	124046	54.915	ug/l	100
36) 1,1-Dichloropropene	5.79	75	96568	48.016	ug/l	99
37) Ethyl Acetate	4.82	43	104360	51.731	ug/l	99
38) Carbon Tetrachloride	5.78	117	108336	53.542	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	104298	43.751	ug/l	96
40) Benzene	6.14	78	294079	49.001	ug/l	97
41) Methacrylonitrile	5.04	41	58406	53.013	ug/l	97
42) 1,2-Dichloroethane	6.19	62	111392	54.889	ug/l	97
43) Isopropyl Acetate	6.44	43	170170	52.761	ug/l	100
44) Trichloroethene	7.21	130	86549	47.644	ug/l	96
45) 1,2-Dichloropropane	7.51	63	76215	49.036	ug/l	97
46) Dibromomethane	7.66	93	55902	49.268	ug/l	97
47) Bromodichloromethane	7.90	83	105443	54.888	ug/l	99
48) Methyl methacrylate	7.77	41	83552	55.046	ug/l	97
49) 1,4-Dioxane	7.73	88	42832	973.363	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	574947	276.221	ug/l	99
52) Toluene	8.78	92	197344	49.734	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	109002	48.794	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	118133	52.643	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	84983	52.090	ug/l	98
56) Ethyl methacrylate	9.18	69	126108	54.242	ug/l	96
57) 1,3-Dichloropropane	9.37	76	132497	51.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	294133	257.301	ug/l	99
59) 2-Hexanone	9.49	43	438362	271.897	ug/l	99
60) Dibromochloromethane	9.58	129	91930	55.038	ug/l	98
61) 1,2-Dibromoethane	9.67	107	90925	51.585	ug/l	98
64) Tetrachloroethene	9.34	164	85378	45.622	ug/l	95
65) Chlorobenzene	10.13	112	224212	47.453	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	85411	52.802	ug/l	99
67) Ethyl Benzene	10.25	91	385761	48.750	ug/l	100
68) m/p-Xylenes	10.35	106	300995	98.341	ug/l	98
69) o-Xylene	10.69	106	145253	48.300	ug/l	97
70) Styrene	10.71	104	250428	50.327	ug/l	98
71) Bromoform	10.85	173	68502	47.512	ug/l	100
73) Isopropylbenzene	11.02	105	397898	50.881	ug/l	99
74) N-amyl acetate	10.90	43	152527	53.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	131153	50.326	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113606m	54.558	ug/l	
77) Bromobenzene	11.25	156	108517	50.042	ug/l	97
78) n-propylbenzene	11.36	91	438388	50.409	ug/l	99
79) 2-Chlorotoluene	11.42	91	263755	50.885	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	334998	51.174	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35043	45.396	ug/l	93
82) 4-Chlorotoluene	11.51	91	309094	51.167	ug/l	98
83) tert-Butylbenzene	11.77	119	328788	51.209	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	335202	51.430	ug/l	99
85) sec-Butylbenzene	11.94	105	386877	50.153	ug/l	99
86) p-Isopropyltoluene	12.06	119	359842	50.707	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	188285	49.141	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	189554	47.977	ug/l	99
89) n-Butylbenzene	12.38	91	301005	49.233	ug/l	99
90) Hexachloroethane	12.59	117	56315	53.675	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188349	48.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28223	55.898	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127439	49.915	ug/l	97
94) Hexachlorobutadiene	13.78	225	59788	46.156	ug/l	98
95) Naphthalene	13.83	128	396549	53.112	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126560	48.759	ug/l	99

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

