

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011377.D
 Acq On : 07 Aug 2019 20:48
 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
 8/8/2019 10:56:50 AM

Quant Time: Aug 08 07:59:23 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	5.66	168	159469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	240425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	88124	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
35) Dibromofluoromethane	5.49	113	77531	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	8.71	98	289522	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	108879	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	58077	47.154	ug/l	99
3) Chloromethane	1.32	50	64651	46.744	ug/l	100
4) Vinyl Chloride	1.40	62	71295	46.862	ug/l	99
5) Bromomethane	1.63	94	45576	42.004	ug/l	96
6) Chloroethane	1.71	64	48468	51.539	ug/l	98
7) Trichlorofluoromethane	1.92	101	132433	48.956	ug/l	99
8) Diethyl Ether	2.18	74	45475	47.079	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72234	49.351	ug/l	97
10) Methyl Iodide	2.50	142	93043	50.421	ug/l	98
11) Tert butyl alcohol	3.04	59	88887	277.564	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70591	48.653	ug/l	93
13) Acrolein	2.29	56	44613	224.127	ug/l	94
14) Allyl chloride	2.72	41	107913	55.790	ug/l	96
15) Acrylonitrile	3.13	53	208705	273.106	ug/l	97
16) Acetone	2.43	43	178803	233.914	ug/l	95
17) Carbon Disulfide	2.56	76	169588	49.809	ug/l	99
18) Methyl Acetate	2.76	43	98106	56.161	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	236840	55.391	ug/l	99
20) Methylene Chloride	2.85	84	83045	49.607	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	76650	49.941	ug/l	96
22) Diisopropyl ether	3.85	45	234424	55.143	ug/l	99
23) Vinyl Acetate	3.81	43	1025361	290.804	ug/l	98
24) 1,1-Dichloroethane	3.69	63	133716	53.342	ug/l	100
25) 2-Butanone	4.67	43	295956	272.180	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98286	50.438	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	90432	51.154	ug/l	97
28) Bromochloromethane	5.01	49	59161	51.769	ug/l	97
29) Tetrahydrofuran	5.12	42	186472	279.690	ug/l	99
30) Chloroform	5.21	83	148609	54.546	ug/l	99
31) Cyclohexane	5.57	56	107049	51.762	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	129446	55.463	ug/l	99
36) 1,1-Dichloropropene	5.79	75	102857	49.000	ug/l	99
37) Ethyl Acetate	4.82	43	112027	53.205	ug/l	98
38) Carbon Tetrachloride	5.77	117	115215	54.556	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115188	46.294	ug/l	97
40) Benzene	6.13	78	319725	51.042	ug/l	99
41) Methacrylonitrile	5.03	41	61043	53.084	ug/l	98
42) 1,2-Dichloroethane	6.18	62	116561	55.029	ug/l	98
43) Isopropyl Acetate	6.44	43	179857	53.428	ug/l	100
44) Trichloroethene	7.21	130	93584	49.358	ug/l	99
45) 1,2-Dichloropropane	7.51	63	81108	49.997	ug/l	96
46) Dibromomethane	7.66	93	60249	50.874	ug/l	97
47) Bromodichloromethane	7.90	83	111799	55.758	ug/l	99
48) Methyl methacrylate	7.77	41	89725	56.636	ug/l	97
49) 1,4-Dioxane	7.73	88	44128	960.792	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	608383	280.036	ug/l	99
52) Toluene	8.78	92	210671	50.868	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	117826	50.433	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	128879	55.025	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91328	53.633	ug/l	99
56) Ethyl methacrylate	9.18	69	134684	55.503	ug/l	97
57) 1,3-Dichloropropane	9.37	76	141568	52.569	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	321980	269.858	ug/l	100
59) 2-Hexanone	9.49	43	470789	279.773	ug/l	98
60) Dibromochloromethane	9.58	129	98568	56.539	ug/l	99
61) 1,2-Dibromoethane	9.67	107	96118	52.246	ug/l	99
64) Tetrachloroethene	9.34	164	102977	53.665	ug/l	97
65) Chlorobenzene	10.13	112	240721	49.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	90362	54.480	ug/l	98
67) Ethyl Benzene	10.25	91	417695	51.480	ug/l	99
68) m/p-Xylenes	10.36	106	320625	102.163	ug/l	96
69) o-Xylene	10.69	106	157411	51.048	ug/l	98
70) Styrene	10.71	104	274868	53.872	ug/l	98
71) Bromoform	10.85	173	74654	50.320	ug/l	100
73) Isopropylbenzene	11.02	105	429218	51.362	ug/l	100
74) N-amyl acetate	10.90	43	169692	56.198	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141501	50.811	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	120469m	54.140	ug/l	
77) Bromobenzene	11.25	156	115317	49.764	ug/l	96
78) n-propylbenzene	11.36	91	477566	51.389	ug/l	99
79) 2-Chlorotoluene	11.42	91	286314	51.691	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	359756	51.427	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40553	48.786	ug/l	97
82) 4-Chlorotoluene	11.51	91	336000	52.051	ug/l	97
83) tert-Butylbenzene	11.77	119	355105	51.758	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	366515	52.624	ug/l	99
85) sec-Butylbenzene	11.94	105	419667	50.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	386783	51.004	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205818	50.268	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	204108	48.344	ug/l	98
89) n-Butylbenzene	12.38	91	332784	50.936	ug/l	100
90) Hexachloroethane	12.60	117	61462	54.820	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	204437	49.694	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31016	57.486	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135984	49.842	ug/l	100
94) Hexachlorobutadiene	13.78	225	65234	47.127	ug/l	99
95) Naphthalene	13.83	128	435375	54.568	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138654	49.990	ug/l	98

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

