

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013100.D
 Acq On : 17 Oct 2019 12:08
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:47 AM

Quant Time: Oct 18 08:41:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	1500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	167750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	149996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	68262	3641.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7282.02%	
35) Dibromofluoromethane	5.49	113	251	0.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.52%	
50) Toluene-d8	8.71	98	207222	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
62) 4-Bromofluorobenzene	11.13	95	76623	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36312	2374.915	ug/l	99
3) Chloromethane	1.32	50	35033	2105.344	ug/l	98
4) Vinyl Chloride	1.40	62	33705	1962.438	ug/l	98
5) Bromomethane	1.63	94	20962	2936.063	ug/l	97
6) Chloroethane	1.72	64	22174	2098.427	ug/l	92
7) Trichlorofluoromethane	1.92	101	52648	2271.132	ug/l	98
8) Diethyl Ether	2.18	74	19591	2093.746	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33443	2229.109	ug/l	98
10) Methyl Iodide	2.50	142	33057	1752.333	ug/l	99
11) Tert butyl alcohol	3.03	59	47687	9595.072	ug/l	98
12) 1,1-Dichloroethene	2.36	96	31529	2079.992	ug/l	96
13) Acrolein	2.28	56	30682	8687.043	ug/l	98
14) Allyl chloride	2.72	41	54764	2028.696	ug/l	99
15) Acrylonitrile	3.13	53	98562	10464.820	ug/l	99
16) Acetone	2.43	43	93670	9478.750	ug/l	98
17) Carbon Disulfide	2.56	76	84266	1949.597	ug/l	100
18) Methyl Acetate	2.76	43	48371	2065.084	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	113809	2174.131	ug/l	99
20) Methylene Chloride	2.84	84	37123	2044.063	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	34573	2127.976	ug/l	95
22) Diisopropyl ether	3.84	45	108745	2102.284	ug/l	96
23) Vinyl Acetate	3.80	43	465425	10422.810	ug/l	99
24) 1,1-Dichloroethane	3.69	63	61326	2107.403	ug/l	99
25) 2-Butanone	4.65	43	137458	10026.067	ug/l	96
26) 2,2-Dichloropropane	4.57	77	50534	2065.077	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	39940	2132.696	ug/l	96
28) Bromochloromethane	5.00	49	46303	5371.816	ug/l	93
29) Tetrahydrofuran	5.11	42	84390	10002.721	ug/l	96
30) Chloroform	5.20	83	63927	2140.935	ug/l	100
31) Cyclohexane	5.56	56	55649	2045.099	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	55704	2201.738	ug/l	99
36) 1,1-Dichloropropene	5.78	75	46132	31.279	ug/l	99
37) Ethyl Acetate	4.81	43	50949	30.893	ug/l	98
38) Carbon Tetrachloride	5.77	117	46529	32.412	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58120	32.494	ug/l	95
40) Benzene	6.13	78	141532	32.491	ug/l	98
41) Methacrylonitrile	5.02	41	28297	31.226	ug/l	98
42) 1,2-Dichloroethane	6.18	62	51673	33.059	ug/l	99
43) Isopropyl Acetate	6.43	43	84489	31.919	ug/l	100
44) Trichloroethene	7.20	130	38872	32.180	ug/l	94
45) 1,2-Dichloropropane	7.50	63	36167	32.577	ug/l	97
46) Dibromomethane	7.65	93	25418	34.363	ug/l	98
47) Bromodichloromethane	7.89	83	45819	31.741	ug/l	98
48) Methyl methacrylate	7.76	41	40162	31.136	ug/l	98
49) 1,4-Dioxane	7.73	88	20251	599.587	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	258339	156.537	ug/l	98
52) Toluene	8.78	92	91669	32.894	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	51162	29.337	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	57211	32.224	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	37780	34.256	ug/l	96
56) Ethyl methacrylate	9.17	69	57744	30.000	ug/l	98
57) 1,3-Dichloropropane	9.37	76	63402	33.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	128602	158.732	ug/l	99
59) 2-Hexanone	9.48	43	196995	153.341	ug/l	99
60) Dibromochloromethane	9.57	129	37284	31.108	ug/l	98
61) 1,2-Dibromoethane	9.67	107	38759	33.408	ug/l	100
64) Tetrachloroethene	9.33	164	37118	35.678	ug/l	96
65) Chlorobenzene	10.14	112	96524	32.405	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35515	34.388	ug/l	100
67) Ethyl Benzene	10.25	91	170751	32.272	ug/l	96
68) m/p-Xylenes	10.36	106	132404	66.985	ug/l	98
69) o-Xylene	10.70	106	63055	32.712	ug/l	99
70) Styrene	10.71	104	107296	32.743	ug/l	99
71) Bromoform	10.85	173	24892	29.652	ug/l #	99
73) Isopropylbenzene	11.01	105	171787	3396.132	ug/l	100
74) N-amyl acetate	10.89	43	68445	3141.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	55217	3282.045	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54988m	3603.462	ug/l	
77) Bromobenzene	11.25	156	40157	3368.941	ug/l	100
78) n-propylbenzene	11.35	91	186960	3358.955	ug/l	99
79) 2-Chlorotoluene	11.42	91	108404	3098.979	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	137579	3257.311	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16191	2509.616	ug/l	97
82) 4-Chlorotoluene	11.51	91	130345	3250.937	ug/l	100
83) tert-Butylbenzene	11.76	119	134886	3273.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	142528	3331.919	ug/l	98
85) sec-Butylbenzene	11.94	105	158554	3321.614	ug/l	99
86) p-Isopropyltoluene	12.06	119	144011	3252.965	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	73727	3330.773	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	71646	3195.953	ug/l	99
89) n-Butylbenzene	12.39	91	118251	3178.150	ug/l	100
90) Hexachloroethane	12.59	117	23486	2745.112	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	69649	3209.584	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12257	3108.343	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43860	3226.518	ug/l	99
94) Hexachlorobutadiene	13.78	225	20175	3215.910	ug/l	98
95) Naphthalene	13.83	128	148367	3148.543	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	44671	3179.988	ug/l	98

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

