

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012433.D
 Acq On : 17 Sep 2019 13:56
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:22:25 AM

Quant Time: Sep 17 15:29:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:57:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	160827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125987	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	338175	145.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.84%	
35) Dibromofluoromethane	5.49	113	248294	150.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.40%	
50) Toluene-d8	8.71	98	916836	150.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.50%	
62) 4-Bromofluorobenzene	11.14	95	397581	158.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	160484	168.702	ug/l	99
3) Chloromethane	1.31	50	137858	157.156	ug/l	99
4) Vinyl Chloride	1.40	62	153099	162.415	ug/l	97
5) Bromomethane	1.62	94	54607	144.350	ug/l	97
7) Trichlorofluoromethane	1.91	101	271091	155.733	ug/l	99
8) Diethyl Ether	2.18	74	115207	144.750	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	191267	151.082	ug/l	99
10) Methyl Iodide	2.49	142	174247	189.798	ug/l	97
11) Tert butyl alcohol	3.06	59	432363	685.613	ug/l	100
12) 1,1-Dichloroethene	2.35	96	157118	156.513	ug/l	96
13) Acrolein	2.28	56	153961	676.372	ug/l	99
14) Allyl chloride	2.71	41	373403	160.466	ug/l	99
15) Acrylonitrile	3.14	53	772604	778.386	ug/l	99
16) Acetone	2.44	43	766777	641.611	ug/l	99
17) Carbon Disulfide	2.55	76	221321	183.222	ug/l	99
18) Methyl Acetate	2.76	43	361014	150.367	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	831395	150.967	ug/l	99
20) Methylene Chloride	2.84	84	206079	147.284	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	162640	155.915	ug/l	96
22) Diisopropyl ether	3.85	45	824639	149.535	ug/l	90
23) Vinyl Acetate	3.81	43	3575116	796.680	ug/l	99
24) 1,1-Dichloroethane	3.68	63	405242	154.418	ug/l	98
25) 2-Butanone	4.67	43	1178234	734.352	ug/l	99
26) 2,2-Dichloropropane	4.57	77	383229	147.317	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	239641	153.351	ug/l	98
28) Bromochloromethane	5.01	49	190256	138.085	ug/l	99
29) Tetrahydrofuran	5.12	42	691276	789.492	ug/l	100
30) Chloroform	5.20	83	443763	145.841	ug/l	97
31) Cyclohexane	5.57	56	249674	158.640	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	387110	153.522	ug/l	100
36) 1,1-Dichloropropene	5.79	75	253189	153.493	ug/l	98
37) Ethyl Acetate	4.83	43	416239	166.815	ug/l	99
38) Carbon Tetrachloride	5.78	117	320778	156.960	ug/l	99
39) Methylcyclohexane	7.45	83	263088	166.413	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	813144	155.338	ug/l	99
41) Methacrylonitrile	5.03	41	246282	150.572	ug/l	99
42) 1,2-Dichloroethane	6.18	62	360724	147.246	ug/l	100
43) Isopropyl Acetate	6.43	43	719108	159.245	ug/l	100
44) Trichloroethene	7.20	130	214741	156.076	ug/l	93
45) 1,2-Dichloropropane	7.51	63	244340	151.244	ug/l	98
46) Dibromomethane	7.65	93	159190	152.478	ug/l	99
47) Bromodichloromethane	7.89	83	371834	161.567	ug/l	98
48) Methyl methacrylate	7.76	41	343751	161.971	ug/l	99
49) 1,4-Dioxane	7.73	88	159953	3067.487	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2358897	796.625	ug/l	99
52) Toluene	8.78	92	527792	156.709	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	408244	172.739	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	409401	166.127	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	267238	153.462	ug/l	98
56) Ethyl methacrylate	9.17	69	457139	171.198	ug/l	99
57) 1,3-Dichloropropane	9.37	76	430317	155.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1139764	817.740	ug/l	100
59) 2-Hexanone	9.49	43	1818338	785.112	ug/l	98
60) Dibromochloromethane	9.58	129	303845	175.469	ug/l	99
61) 1,2-Dibromoethane	9.67	107	255472	162.182	ug/l	99
64) Tetrachloroethene	9.33	164	168159	145.359	ug/l	97
65) Chlorobenzene	10.14	112	637552	154.585	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	277939	164.083	ug/l	100
67) Ethyl Benzene	10.25	91	1106417	156.472	ug/l	99
68) m/p-Xylenes	10.35	106	818999	319.478	ug/l	99
69) o-Xylene	10.70	106	422438	160.339	ug/l	100
70) Stvrene	10.71	104	787380	170.865	ug/l	98
71) Bromoform	10.85	173	234131	190.061	ug/l #	98
73) Isopropylbenzene	11.01	105	1192368	151.007	ug/l	100
74) N-amyl acetate	10.89	43	675693	160.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	468736	151.395	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	436249m	150.891	ug/l	
77) Bromobenzene	11.25	156	300620	157.177	ug/l	99
78) n-propylbenzene	11.35	91	1382939	158.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	859848	150.021	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1039899	155.129	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	165255	175.316	ug/l	97
82) 4-Chlorotoluene	11.51	91	1005682	153.470	ug/l	100
83) tert-Butylbenzene	11.77	119	1085745	150.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1073614	156.161	ug/l	99
85) sec-Butylbenzene	11.94	105	1244403	157.656	ug/l	99
86) p-Isopropyltoluene	12.06	119	1163665	161.175	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	566339	157.462	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	568311	153.082	ug/l	99
89) n-Butylbenzene	12.38	91	1050077	163.406	ug/l	99
90) Hexachloroethane	12.59	117	227580	174.406	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	560447	147.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	129149	162.961	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	401152	167.507	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	179336	157.077	ug/l	99
95) Naphthalene	13.83	128	1435126	168.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	400499	163.372	ug/l	99

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

