

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012429.D
 Acq On : 17 Sep 2019 12:23
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:22:05 AM

Quant Time: Sep 17 13:46:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	13114	4.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.40%	
35) Dibromofluoromethane	5.48	113	8943	3.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.18%	
50) Toluene-d8	8.71	98	33567	3.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.62%	
62) 4-Bromofluorobenzene	11.14	95	13399	3.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	7.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	3808	2.777	ug/l	93
3) Chloromethane	1.32	50	3789	3.188	ug/l	95
4) Vinyl Chloride	1.40	62	4239	3.234	ug/l	98
5) Bromomethane	1.62	94	1964	3.584	ug/l	98
6) Chloroethane	1.70	64	4058	4.659	ug/l #	85
7) Trichlorofluoromethane	1.92	101	8072	3.371	ug/l	95
8) Diethyl Ether	2.18	74	3752	3.550	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6024	3.491	ug/l	96
10) Methyl Iodide	2.50	142	3255	2.053	ug/l	98
11) Tert butyl alcohol	3.04	59	20205	25.161	ug/l	97
12) 1,1-Dichloroethene	2.36	96	4822	3.555	ug/l	98
13) Acrolein	2.28	56	8007	23.967	ug/l	98
14) Allyl chloride	2.72	41	12046	3.824	ug/l	97
15) Acrylonitrile	3.13	53	25853	19.283	ug/l	97
16) Acetone	2.44	43	32890	22.492	ug/l	100
17) Carbon Disulfide	2.55	76	4712	2.630	ug/l	98
18) Methyl Acetate	2.77	43	11942	3.715	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	27774	3.770	ug/l	100
20) Methylene Chloride	2.84	84	6862	3.493	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	4792	3.286	ug/l	96
22) Diisopropyl ether	3.84	45	27688	3.829	ug/l	93
23) Vinyl Acetate	3.80	43	109919	18.429	ug/l	98
24) 1,1-Dichloroethane	3.68	63	13248	3.658	ug/l	98
25) 2-Butanone	4.67	43	42537	20.608	ug/l	96
26) 2,2-Dichloropropane	4.57	77	12735	3.684	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	7612	3.551	ug/l	90
28) Bromochloromethane	5.00	49	7092	3.837	ug/l #	99
29) Tetrahydrofuran	5.12	42	22708	19.021	ug/l	99
30) Chloroform	5.19	83	15477	3.708	ug/l	87
31) Cyclohexane	5.58	56	7008	3.227	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	12721	3.679	ug/l	99
36) 1,1-Dichloropropene	5.79	75	7597	3.102	ug/l	94
37) Ethyl Acetate	4.83	43	12366	3.281	ug/l #	89
38) Carbon Tetrachloride	5.77	117	9445	3.186	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	7035	3.006	ug/l #	93
40) Benzene	6.14	78	25723	3.430	ug/l	96
41) Methacrylonitrile	5.04	41	8036	3.742	ug/l	94
42) 1,2-Dichloroethane	6.19	62	12179	3.556	ug/l	98
43) Isopropyl Acetate	6.44	43	22210	3.426	ug/l	97
44) Trichloroethene	7.21	130	6785	3.370	ug/l	79
45) 1,2-Dichloropropane	7.51	63	7903	3.426	ug/l	97
46) Dibromomethane	7.65	93	5225	3.411	ug/l	96
47) Bromodichloromethane	7.89	83	11540	3.383	ug/l	97
48) Methyl methacrylate	7.76	41	9812	3.409	ug/l	92
49) 1,4-Dioxane	7.74	88	5232	71.242	ug/l #	92
51) 4-Methyl-2-Pentanone	8.64	43	76014	18.124	ug/l	99
52) Toluene	8.78	92	16046	3.292	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	11266	3.183	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	11661	3.183	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	8994	3.486	ug/l	97
56) Ethyl methacrylate	9.17	69	12893	3.326	ug/l	97
57) 1,3-Dichloropropane	9.37	76	14334	3.510	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	36305	17.569	ug/l	97
59) 2-Hexanone	9.49	43	59080	18.222	ug/l	98
60) Dibromochloromethane	9.58	129	7981	3.029	ug/l	97
61) 1,2-Dibromoethane	9.67	107	7907	3.343	ug/l	98
64) Tetrachloroethene	9.33	164	5757	3.681	ug/l	92
65) Chlorobenzene	10.14	112	19760	3.591	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	7997	3.429	ug/l	95
67) Ethyl Benzene	10.25	91	33199	3.525	ug/l	100
68) m/p-Xylenes	10.36	106	24597	7.090	ug/l	100
69) o-Xylene	10.70	106	12957	3.599	ug/l	99
70) Styrene	10.71	104	21498	3.446	ug/l	99
71) Bromoform	10.86	173	5632	3.148	ug/l #	96
73) Isopropylbenzene	11.01	105	37073	4.688	ug/l	97
74) N-amyl acetate	10.89	43	19238	4.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	14829	4.680	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	13508m	4.592	ug/l	
77) Bromobenzene	11.25	156	8866	4.385	ug/l	96
78) n-propylbenzene	11.35	91	38554	4.317	ug/l	99
79) 2-Chlorotoluene	11.42	91	26772	4.678	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	30274	4.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	3640	3.495	ug/l #	78
82) 4-Chlorotoluene	11.51	91	30351	4.554	ug/l	97
83) tert-Butylbenzene	11.77	119	32599	4.476	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	31064	4.459	ug/l	97
85) sec-Butylbenzene	11.94	105	35971	4.460	ug/l	99
86) p-Isopropyltoluene	12.06	119	31690	4.296	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	16378	4.313	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	17243	4.497	ug/l	91
89) n-Butylbenzene	12.39	91	27641	4.243	ug/l	97
90) Hexachloroethane	12.59	117	5583	3.922	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	17881	4.594	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3572	4.260	ug/l	91

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93) 1,2,4-Trichlorobenzene	13.64	180	10566	4.069	ug/l	99
94) Hexachlorobutadiene	13.78	225	5075	4.088	ug/l	94
95) Naphthalene	13.83	128	38111	4.297	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	10789	4.175	ug/l	97

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

