

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082219\
 Data File : VX011754.D
 Acq On : 22 Aug 2019 11:27
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX082219

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 1:56:01 PM

Quant Time: Aug 23 01:54:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	422207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	198059	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.49	113	181340	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	664331	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	251456	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	217301	55.147	ug/l	99
3) Chloromethane	1.32	50	188896	54.664	ug/l	98
4) Vinyl Chloride	1.40	62	172142	49.832	ug/l	99
5) Bromomethane	1.63	94	98772	51.902	ug/l	97
6) Chloroethane	1.71	64	98330	48.685	ug/l	99
7) Trichlorofluoromethane	1.92	101	278626	50.661	ug/l	98
8) Diethyl Ether	2.18	74	90721	48.511	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	176143	51.757	ug/l	98
10) Methyl Iodide	2.50	142	211647	50.915	ug/l	97
11) Tert butyl alcohol	3.04	59	211635	252.516	ug/l	99
12) 1,1-Dichloroethene	2.36	96	165311	49.815	ug/l	98
13) Acrolein	2.28	56	82965	256.085	ug/l	96
14) Allyl chloride	2.72	41	271358	52.318	ug/l	99
15) Acrylonitrile	3.13	53	488440	254.797	ug/l	100
16) Acetone	2.43	43	501242	271.676	ug/l	97
17) Carbon Disulfide	2.56	76	434131	51.742	ug/l	100
18) Methyl Acetate	2.76	43	258844	51.703	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	537573	50.501	ug/l	99
20) Methylene Chloride	2.85	84	181225	48.045	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	179909	50.263	ug/l	96
22) Diisopropyl ether	3.85	45	513268	51.032	ug/l	96
23) Vinyl Acetate	3.81	43	2139747	256.951	ug/l	98
24) 1,1-Dichloroethane	3.68	63	289566	48.762	ug/l	99
25) 2-Butanone	4.66	43	691133	260.978	ug/l	99
26) 2,2-Dichloropropane	4.57	77	259012	51.361	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	203269	49.520	ug/l	98
28) Bromochloromethane	5.01	49	122229	45.343	ug/l	98
29) Tetrahydrofuran	5.12	42	427867	252.044	ug/l	99
30) Chloroform	5.20	83	315688	48.999	ug/l	98
31) Cyclohexane	5.57	56	275847	52.892	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	290262	51.828	ug/l	100
36) 1,1-Dichloropropene	5.79	75	236486	54.307	ug/l	98
37) Ethyl Acetate	4.82	43	250672	54.397	ug/l	99
38) Carbon Tetrachloride	5.77	117	261376	52.963	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	308383	57.149	ug/l	99
40) Benzene	6.13	78	699587	51.934	ug/l	98
41) Methacrylonitrile	5.03	41	131625	49.113	ug/l	99
42) 1,2-Dichloroethane	6.18	62	240728	48.886	ug/l	98
43) Isopropyl Acetate	6.43	43	395437	53.018	ug/l	98
44) Trichloroethene	7.21	130	214790	51.726	ug/l	98
45) 1,2-Dichloropropane	7.51	63	176817	52.222	ug/l	100
46) Dibromomethane	7.65	93	124914	50.040	ug/l	99
47) Bromodichloromethane	7.89	83	238130	52.992	ug/l	98
48) Methyl methacrylate	7.76	41	199650	53.787	ug/l	99
49) 1,4-Dioxane	7.73	88	96998	943.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1298930	264.300	ug/l	100
52) Toluene	8.78	92	455002	52.196	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	263762	55.913	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	284167	55.218	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	186569	51.371	ug/l	98
56) Ethyl methacrylate	9.17	69	287057	55.577	ug/l	99
57) 1,3-Dichloropropane	9.37	76	293395	50.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	779155	286.771	ug/l	100
59) 2-Hexanone	9.49	43	1017660	269.786	ug/l	99
60) Dibromochloromethane	9.58	129	214454	54.614	ug/l	100
61) 1,2-Dibromoethane	9.67	107	206231	52.922	ug/l	100
64) Tetrachloroethene	9.33	164	212682	51.259	ug/l	97
65) Chlorobenzene	10.13	112	520551	51.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	199826	52.525	ug/l	100
67) Ethyl Benzene	10.25	91	888867	52.383	ug/l	98
68) m/p-Xylenes	10.35	106	701372	107.198	ug/l	99
69) o-Xylene	10.69	106	334500	52.073	ug/l	98
70) Styrene	10.71	104	578805	53.862	ug/l	98
71) Bromoform	10.85	173	179034	54.552	ug/l #	98
73) Isopropylbenzene	11.01	105	907827	53.665	ug/l	100
74) N-amyl acetate	10.90	43	352618	53.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	274519	49.027	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	242075m	49.146	ug/l	
77) Bromobenzene	11.25	156	245546	49.236	ug/l	99
78) n-propylbenzene	11.36	91	999193	55.239	ug/l	99
79) 2-Chlorotoluene	11.42	91	591032	52.520	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	763099	54.065	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	89203	54.616	ug/l	98
82) 4-Chlorotoluene	11.51	91	691229	53.287	ug/l	100
83) tert-Butylbenzene	11.77	119	771058	55.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	757166	53.122	ug/l	99
85) sec-Butylbenzene	11.94	105	895815	56.236	ug/l	100
86) p-Isopropyltoluene	12.06	119	863073	56.312	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	453148	52.765	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	453925	52.242	ug/l	99
89) n-Butylbenzene	12.38	91	716672	56.486	ug/l	100
90) Hexachloroethane	12.59	117	133028	55.869	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	442032	51.031	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65892	50.625	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	348905	54.760	ug/l	100
94) Hexachlorobutadiene	13.78	225	195194	55.907	ug/l	99
95) Naphthalene	13.83	128	969060	55.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	352418	55.086	ug/l	98

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

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