

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012460.D
 Acq On : 18 Sep 2019 02:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:21:57 AM

Quant Time: Sep 18 05:19:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	191847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	332609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	132817	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	5.48	113	97204	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	357942	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	149586	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64065	50.052	ug/l	97
3) Chloromethane	1.32	50	52100	49.397	ug/l	98
4) Vinyl Chloride	1.40	62	59200	51.931	ug/l	99
5) Bromomethane	1.63	94	22746	50.788	ug/l	97
6) Chloroethane	1.71	64	39783	44.597	ug/l	98
7) Trichlorofluoromethane	1.92	101	110587	52.920	ug/l	97
8) Diethyl Ether	2.18	74	46112	48.854	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78766	52.095	ug/l	99
10) Methyl Iodide	2.50	142	53169	41.780	ug/l	97
11) Tert butyl alcohol	3.03	59	152590	218.091	ug/l	100
12) 1,1-Dichloroethene	2.36	96	63228	52.421	ug/l	95
13) Acrolein	2.28	56	30647	126.103	ug/l	96
14) Allyl chloride	2.72	41	137301	48.895	ug/l	99
15) Acrylonitrile	3.13	53	296221	248.615	ug/l	99
16) Acetone	2.43	43	274309	217.300	ug/l	98
17) Carbon Disulfide	2.56	76	79774	46.883	ug/l	99
18) Methyl Acetate	2.76	43	156370	54.577	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	330712	50.288	ug/l	100
20) Methylene Chloride	2.84	84	82696	49.696	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	67464	53.863	ug/l	97
22) Diisopropyl ether	3.84	45	332979	50.644	ug/l	99
23) Vinyl Acetate	3.80	43	1288332	238.201	ug/l	99
24) 1,1-Dichloroethane	3.69	63	165003	52.451	ug/l	99
25) 2-Butanone	4.66	43	437643	229.461	ug/l	99
26) 2,2-Dichloropropane	4.57	77	111305	35.976	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	97319	52.013	ug/l	93
28) Bromochloromethane	5.00	49	83437	51.447	ug/l	97
29) Tetrahydrofuran	5.11	42	265086	251.589	ug/l	99
30) Chloroform	5.20	83	181289	50.178	ug/l	97
31) Cyclohexane	5.57	56	99385	52.335	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	156511	51.831	ug/l	100
36) 1,1-Dichloropropene	5.79	75	101026	49.977	ug/l	98
37) Ethyl Acetate	4.82	43	159830	51.510	ug/l	99
38) Carbon Tetrachloride	5.78	117	126247	50.215	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101880	51.845	ug/l	98
40) Benzene	6.14	78	328188	51.055	ug/l	99
41) Methacrylonitrile	5.03	41	93363	46.729	ug/l	98
42) 1,2-Dichloroethane	6.18	62	147399	49.439	ug/l	100
43) Isopropyl Acetate	6.43	43	268960	48.295	ug/l	99
44) Trichloroethene	7.20	130	90853	53.730	ug/l	96
45) 1,2-Dichloropropane	7.51	63	98907	50.083	ug/l	96
46) Dibromomethane	7.65	93	63911	50.009	ug/l	100
47) Bromodichloromethane	7.89	83	146151	51.361	ug/l	99
48) Methyl methacrylate	7.76	41	129071	49.165	ug/l	99
49) 1,4-Dioxane	7.73	88	54369	850.929	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	872010	238.763	ug/l	98
52) Toluene	8.78	92	214022	51.670	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145336	49.134	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150987	49.305	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106040	49.691	ug/l	98
56) Ethyl methacrylate	9.17	69	164556	49.321	ug/l	98
57) 1,3-Dichloropropane	9.37	76	170025	49.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	442539	256.236	ug/l	100
59) 2-Hexanone	9.49	43	658243	231.017	ug/l	99
60) Dibromochloromethane	9.58	129	115799	53.273	ug/l	98
61) 1,2-Dibromoethane	9.67	107	101096	51.872	ug/l	100
64) Tetrachloroethene	9.33	164	77556	55.841	ug/l	98
65) Chlorobenzene	10.14	112	246690	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	107292	51.678	ug/l	100
67) Ethyl Benzene	10.25	91	433967	50.493	ug/l	99
68) m/p-Xylenes	10.35	106	321727	102.883	ug/l	99
69) o-Xylene	10.70	106	162648	50.575	ug/l	98
70) Styrene	10.71	104	294867	51.822	ug/l	99
71) Bromoform	10.85	173	79634	44.861	ug/l #	97
73) Isopropylbenzene	11.01	105	462898	49.026	ug/l	100
74) N-amyl acetate	10.89	43	219768	43.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	173807	46.927	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163822m	47.393	ug/l	
77) Bromobenzene	11.25	156	112822	48.996	ug/l	99
78) n-propylbenzene	11.35	91	527467	50.123	ug/l	99
79) 2-Chlorotoluene	11.42	91	327666	47.862	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400284	49.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49364	39.874	ug/l	97
82) 4-Chlorotoluene	11.51	91	386805	49.230	ug/l	100
83) tert-Butylbenzene	11.77	119	413608	47.935	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	411800	49.807	ug/l	100
85) sec-Butylbenzene	11.94	105	473486	49.799	ug/l	99
86) p-Isopropyltoluene	12.06	119	437875	50.154	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	214353	49.486	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	215600	48.456	ug/l	99
89) n-Butylbenzene	12.39	91	386140	49.569	ug/l	99
90) Hexachloroethane	12.59	117	78709	49.167	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	221071	48.831	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45463	47.346	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	152611	52.334	ug/l	99
94) Hexachlorobutadiene	13.78	225	66394	48.307	ug/l	99
95) Naphthalene	13.83	128	556582	53.641	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157796	53.102	ug/l	99

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

