

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030819\
 Data File : VX007935.D
 Acq On : 08 Mar 2019 17:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 12:02:14 PM

Quant Time: Mar 09 05:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137769	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.50	113	121912	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.71	98	470214	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	168359	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	113436	47.746	ug/l 98
3) Chloromethane	1.33	50	144698	47.260	ug/l 99
4) Vinyl Chloride	1.41	62	145498	47.826	ug/l 99
5) Bromomethane	1.64	94	69398	48.578	ug/l 99
6) Chloroethane	1.72	64	93113	46.072	ug/l 100
7) Trichlorofluoromethane	1.93	101	189629	47.876	ug/l 98
8) Diethyl Ether	2.19	74	82542	48.124	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119937	48.864	ug/l 100
10) Methyl Iodide	2.51	142	179758	51.623	ug/l 99
11) Tert butyl alcohol	3.07	59	148215	225.923	ug/l 100
12) 1,1-Dichloroethene	2.37	96	112085	47.373	ug/l 99
13) Acrolein	2.29	56	73347	197.886	ug/l 98
14) Allyl chloride	2.73	41	231716	46.607	ug/l 100
15) Acrylonitrile	3.15	53	380128	229.558	ug/l 100
16) Acetone	2.45	43	380185	223.907	ug/l 98
17) Carbon Disulfide	2.57	76	345253	48.035	ug/l 100
18) Methyl Acetate	2.78	43	175148	48.555	ug/l 100
19) Methyl tert-butyl Ether	3.20	73	391964	48.155	ug/l 100
20) Methylene Chloride	2.86	84	127064	47.020	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	119874	46.046	ug/l 98
22) Diisopropyl ether	3.87	45	427450	46.902	ug/l 96
23) Vinyl Acetate	3.82	43	1865187	233.383	ug/l 99
24) 1,1-Dichloroethane	3.70	63	238644	48.658	ug/l 99
25) 2-Butanone	4.70	43	545896	227.091	ug/l 100
26) 2,2-Dichloropropane	4.58	77	156155	48.058	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	138465	46.480	ug/l 99
28) Bromochloromethane	5.01	49	110117	48.160	ug/l 99
29) Tetrahydrofuran	5.15	42	344165	229.527	ug/l 100
30) Chloroform	5.21	83	218025	46.995	ug/l 99
31) Cyclohexane	5.57	56	217519	48.256	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	184052	47.815	ug/l 99
36) 1,1-Dichloropropene	5.80	75	170977	48.359	ug/l 100
37) Ethyl Acetate	4.85	43	193863	46.206	ug/l 99
38) Carbon Tetrachloride	5.78	117	163314	48.655	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222954	52.042	ug/l	99
40) Benzene	6.14	78	516702	49.090	ug/l	100
41) Methacrylonitrile	5.06	41	111973	48.951	ug/l	100
42) 1,2-Dichloroethane	6.20	62	166726	48.436	ug/l	100
43) Isopropyl Acetate	6.46	43	303837	48.932	ug/l	100
44) Trichloroethene	7.21	130	141991	48.952	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137546	49.477	ug/l	100
46) Dibromomethane	7.66	93	85325	48.499	ug/l	99
47) Bromodichloromethane	7.90	83	163592	49.044	ug/l	100
48) Methyl methacrylate	7.77	41	161558	49.487	ug/l	99
49) 1,4-Dioxane	7.75	88	63235	942.922	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	980475	245.532	ug/l	99
52) Toluene	8.78	92	324702	50.529	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	181879	52.242	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	204111	51.917	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	131580	50.581	ug/l	100
56) Ethyl methacrylate	9.18	69	204323	52.313	ug/l	98
57) 1,3-Dichloropropane	9.37	76	218464	50.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	526636	260.662	ug/l	100
59) 2-Hexanone	9.49	43	743632	239.859	ug/l	99
60) Dibromochloromethane	9.58	129	137693	50.641	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137984	49.960	ug/l	100
64) Tetrachloroethene	9.34	164	143032	49.178	ug/l	98
65) Chlorobenzene	10.14	112	360148	49.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	129641	49.253	ug/l	99
67) Ethyl Benzene	10.25	91	610057	50.462	ug/l	99
68) m/p-Xylenes	10.36	106	471365	101.155	ug/l	99
69) o-Xylene	10.69	106	228145	50.712	ug/l	100
70) Styrene	10.71	104	378617	51.430	ug/l	100
71) Bromoform	10.86	173	108956	48.201	ug/l #	100
73) Isopropylbenzene	11.02	105	616774	51.351	ug/l	100
74) N-amyl acetate	10.90	43	262632	47.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191328	46.181	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	186043m	49.922	ug/l	
77) Bromobenzene	11.26	156	160823	48.838	ug/l	99
78) n-propylbenzene	11.36	91	690154	51.795	ug/l	100
79) 2-Chlorotoluene	11.42	91	407778	50.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	514037	51.998	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57913	49.674	ug/l	98
82) 4-Chlorotoluene	11.51	91	469675	50.305	ug/l	100
83) tert-Butylbenzene	11.77	119	503297	50.543	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	519197	51.233	ug/l	100
85) sec-Butylbenzene	11.94	105	618639	52.750	ug/l	99
86) p-Isopropyltoluene	12.06	119	555204	52.861	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288225	49.474	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288018	48.276	ug/l	99
89) n-Butylbenzene	12.38	91	479111	53.843	ug/l	99
90) Hexachloroethane	12.60	117	89921	51.206	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	282989	48.897	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39216	45.291	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	209006	51.408	ug/l	99
94) Hexachlorobutadiene	13.78	225	113003	53.162	ug/l	100
95) Naphthalene	13.83	128	590845	50.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	204915	50.595	ug/l	99

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

