

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010685.D
 Acq On : 08 Jul 2019 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:10:49 AM

Quant Time: Jul 09 01:20:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	255667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	369736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	184318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115965	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.49	113	109361	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	8.71	98	405947	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.13	95	154556	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	107894	60.701	ug/l	99
3) Chloromethane	1.32	50	107890	52.127	ug/l	98
4) Vinyl Chloride	1.41	62	116282	51.293	ug/l	99
5) Bromomethane	1.64	94	58659	53.112	ug/l	99
6) Chloroethane	1.71	64	75487	56.439	ug/l	97
7) Trichlorofluoromethane	1.93	101	199257	55.446	ug/l	99
8) Diethyl Ether	2.19	74	67068	52.040	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	116034	53.280	ug/l	99
10) Methyl Iodide	2.51	142	149370	48.059	ug/l	97
11) Tert butyl alcohol	3.04	59	134152	213.873	ug/l	98
12) 1,1-Dichloroethene	2.37	96	110425	49.829	ug/l	95
13) Acrolein	2.29	56	102722	246.867	ug/l	99
14) Allyl chloride	2.73	41	165455	52.589	ug/l	97
15) Acrylonitrile	3.14	53	307385	247.515	ug/l	99
16) Acetone	2.44	43	367681	306.052	ug/l	97
17) Carbon Disulfide	2.57	76	300041	50.466	ug/l	99
18) Methyl Acetate	2.77	43	119087	49.736	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	357780	51.320	ug/l	98
20) Methylene Chloride	2.85	84	126554	51.188	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119817	50.271	ug/l	98
22) Diisopropyl ether	3.85	45	339840	51.663	ug/l	97
23) Vinyl Acetate	3.81	43	1533251	269.814	ug/l	99
24) 1,1-Dichloroethane	3.69	63	196331	51.635	ug/l	99
25) 2-Butanone	4.67	43	463495	263.012	ug/l	100
26) 2,2-Dichloropropane	4.57	77	175206	53.044	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	137281	49.844	ug/l	97
28) Bromochloromethane	5.01	49	87237	47.987	ug/l	97
29) Tetrahydrofuran	5.12	42	265950	243.643	ug/l	99
30) Chloroform	5.21	83	210737	51.512	ug/l	100
31) Cyclohexane	5.57	56	182201	52.621	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	189905	52.571	ug/l	99
36) 1,1-Dichloropropene	5.79	75	156453	53.249	ug/l	98
37) Ethyl Acetate	4.82	43	158461	52.425	ug/l	100
38) Carbon Tetrachloride	5.78	117	172787	54.308	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	208407	53.962	ug/l	98
40) Benzene	6.13	78	473834	51.764	ug/l	100
41) Methacrylonitrile	5.04	41	85984	51.846	ug/l	98
42) 1,2-Dichloroethane	6.19	62	158880	57.020	ug/l	97
43) Isopropyl Acetate	6.44	43	265717	53.134	ug/l	98
44) Trichloroethene	7.21	130	141855	51.791	ug/l	100
45) 1,2-Dichloropropane	7.51	63	118734	51.365	ug/l	100
46) Dibromomethane	7.66	93	87437	52.721	ug/l	97
47) Bromodichloromethane	7.89	83	162766	53.552	ug/l	100
48) Methyl methacrylate	7.76	41	125263	53.888	ug/l	98
49) 1,4-Dioxane	7.74	88	65891	984.002	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	847708	265.044	ug/l	99
52) Toluene	8.78	92	314595	52.189	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	183898	53.968	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	198204	53.524	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	128906	51.851	ug/l	99
56) Ethyl methacrylate	9.18	69	196414	52.153	ug/l	95
57) 1,3-Dichloropropane	9.37	76	204287	52.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	432752	241.948	ug/l	100
59) 2-Hexanone	9.49	43	685139	272.179	ug/l	98
60) Dibromochloromethane	9.58	129	147528	52.999	ug/l	100
61) 1,2-Dibromoethane	9.67	107	143195	53.363	ug/l	98
64) Tetrachloroethene	9.34	164	138598	50.257	ug/l	97
65) Chlorobenzene	10.13	112	355559	51.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	132860	52.692	ug/l	100
67) Ethyl Benzene	10.25	91	618693	52.942	ug/l	99
68) m/p-Xylenes	10.35	106	483832	106.850	ug/l	98
69) o-Xylene	10.69	106	231440	51.974	ug/l	97
70) Styrene	10.71	104	402702	53.925	ug/l	98
71) Bromoform	10.85	173	115451	52.652	ug/l	99
73) Isopropylbenzene	11.02	105	627844	50.250	ug/l	99
74) N-amyl acetate	10.90	43	247035	52.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	200119	48.363	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171481m	51.055	ug/l	
77) Bromobenzene	11.26	156	171227	49.079	ug/l	98
78) n-propylbenzene	11.36	91	722720	52.630	ug/l	99
79) 2-Chlorotoluene	11.42	91	415640	50.830	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	535882	52.026	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68327	47.458	ug/l	94
82) 4-Chlorotoluene	11.51	91	489024	52.557	ug/l	99
83) tert-Butylbenzene	11.77	119	532973	51.554	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	545056	52.670	ug/l	100
85) sec-Butylbenzene	11.94	105	630124	51.912	ug/l	99
86) p-Isopropyltoluene	12.06	119	591325	52.667	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	310237	50.942	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	308607	49.776	ug/l	99
89) n-Butylbenzene	12.38	91	517567	54.248	ug/l	100
90) Hexachloroethane	12.59	117	100507	51.770	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	299036	49.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43701	48.985	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214021	50.989	ug/l	100
94) Hexachlorobutadiene	13.78	225	108135	52.712	ug/l	99
95) Naphthalene	13.83	128	630114	48.850	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	211225	50.613	ug/l	100

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

