

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050819\
 Data File : VX009414.D
 Acq On : 08 May 2019 21:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:49:43 AM

Quant Time: May 09 07:28:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	160673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106063	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.50	113	80192	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	8.71	98	320192	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.13	95	116810	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71711	48.433	ug/l	99
3) Chloromethane	1.32	50	110055	54.444	ug/l	100
4) Vinyl Chloride	1.41	62	104580	53.055	ug/l	96
5) Bromomethane	1.64	94	52828	44.652	ug/l	98
6) Chloroethane	1.71	64	65665	51.886	ug/l	98
7) Trichlorofluoromethane	1.92	101	130166	54.325	ug/l	97
8) Diethyl Ether	2.18	74	60297	53.127	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77762	51.681	ug/l	98
10) Methyl Iodide	2.51	142	89500	51.085	ug/l	100
11) Tert butyl alcohol	3.06	59	132353	260.685	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81554	54.096	ug/l	98
13) Acrolein	2.29	56	98117	213.390	ug/l	100
14) Allyl chloride	2.73	41	186588	50.786	ug/l	100
15) Acrylonitrile	3.14	53	324783	261.627	ug/l	99
16) Acetone	2.45	43	276111	234.438	ug/l	99
17) Carbon Disulfide	2.57	76	234839	55.483	ug/l	99
18) Methyl Acetate	2.78	43	140578	50.189	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	310265	52.998	ug/l	99
20) Methylene Chloride	2.85	84	108377	56.832	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	87658	53.614	ug/l	99
22) Diisopropyl ether	3.85	45	369027	52.230	ug/l	96
23) Vinyl Acetate	3.81	43	1675303	276.898	ug/l	99
24) 1,1-Dichloroethane	3.70	63	180617	51.820	ug/l	100
25) 2-Butanone	4.68	43	479212	261.836	ug/l	100
26) 2,2-Dichloropropane	4.58	77	111953	43.152	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	103312	52.939	ug/l	97
28) Bromochloromethane	5.02	49	68789	48.971	ug/l	100
29) Tetrahydrofuran	5.13	42	319656	271.418	ug/l	100
30) Chloroform	5.21	83	167019	52.982	ug/l	97
31) Cyclohexane	5.58	56	176717	54.496	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	138645	52.833	ug/l	100
36) 1,1-Dichloropropene	5.80	75	128404	53.375	ug/l	100
37) Ethyl Acetate	4.84	43	183485	54.741	ug/l	100
38) Carbon Tetrachloride	5.78	117	117337	53.683	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158507	53.650	ug/l	99
40) Benzene	6.14	78	398617	53.540	ug/l	98
41) Methacrylonitrile	5.04	41	102420	51.331	ug/l	99
42) 1,2-Dichloroethane	6.19	62	140503	52.608	ug/l	100
43) Isopropyl Acetate	6.45	43	291220	54.317	ug/l	100
44) Trichloroethene	7.21	130	95156	52.867	ug/l	98
45) 1,2-Dichloropropane	7.51	63	112112	53.179	ug/l	99
46) Dibromomethane	7.66	93	64091	52.351	ug/l	98
47) Bromodichloromethane	7.90	83	128642	52.678	ug/l	98
48) Methyl methacrylate	7.77	41	145846	54.830	ug/l	100
49) 1,4-Dioxane	7.74	88	51974	963.484	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	952377	271.767	ug/l	100
52) Toluene	8.79	92	245826	54.317	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	146891	53.277	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	162935	53.392	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97583	52.851	ug/l	98
56) Ethyl methacrylate	9.18	69	179258	54.388	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170991	52.626	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	445416	254.746	ug/l	99
59) 2-Hexanone	9.49	43	748035	271.785	ug/l	100
60) Dibromochloromethane	9.58	129	98180	54.443	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101216	54.306	ug/l	99
64) Tetrachloroethene	9.34	164	84828	52.253	ug/l	99
65) Chlorobenzene	10.14	112	251123	53.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	91209	53.140	ug/l	99
67) Ethyl Benzene	10.25	91	466632	53.556	ug/l	100
68) m/p-Xylenes	10.36	106	342599	107.600	ug/l	99
69) o-Xylene	10.69	106	168160	53.529	ug/l	99
70) Styrene	10.71	104	296787	54.355	ug/l	100
71) Bromoform	10.85	173	76082	54.546	ug/l #	99
73) Isopropylbenzene	11.02	105	447095	51.635	ug/l	100
74) N-amyl acetate	10.90	43	275908	54.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	167287	51.826	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	140100m	50.723	ug/l	
77) Bromobenzene	11.26	156	112453	52.324	ug/l	98
78) n-propylbenzene	11.36	91	515370	52.117	ug/l	100
79) 2-Chlorotoluene	11.42	91	307906	50.469	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	378674	51.939	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53363	49.433	ug/l	99
82) 4-Chlorotoluene	11.51	91	353896	51.347	ug/l	100
83) tert-Butylbenzene	11.77	119	371450	52.373	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	379547	51.865	ug/l	100
85) sec-Butylbenzene	11.94	105	434116	51.628	ug/l	99
86) p-Isopropyltoluene	12.06	119	407566	53.916	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199006	51.943	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	200311	51.859	ug/l	100
89) n-Butylbenzene	12.38	91	357193	52.280	ug/l	100
90) Hexachloroethane	12.60	117	66657	51.759	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202431	51.875	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39071	53.958	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	144289	54.071	ug/l	98
94) Hexachlorobutadiene	13.78	225	71098	52.174	ug/l	99
95) Naphthalene	13.83	128	474229	54.623	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145831	53.912	ug/l	99

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

