

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010319\
 Data File : VX006884.D
 Acq On : 03 Jan 2019 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:15 AM

Quant Time: Jan 04 00:35:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	590461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	830403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	752046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	401960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	328953	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.50	113	304887	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
50) Toluene-d8	8.71	98	1117678	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
62) 4-Bromofluorobenzene	11.13	95	403384	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	236583	43.798	ug/l	97
3) Chloromethane	1.33	50	252899	43.457	ug/l	99
4) Vinyl Chloride	1.41	62	272673	44.863	ug/l	99
5) Bromomethane	1.64	94	270250	47.553	ug/l	99
6) Chloroethane	1.71	64	194679	46.259	ug/l	97
7) Trichlorofluoromethane	1.92	101	460138	48.558	ug/l	100
8) Diethyl Ether	2.19	74	184531	49.029	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	288428	51.840	ug/l	99
10) Methyl Iodide	2.51	142	416461	52.290	ug/l	100
11) Tert butyl alcohol	3.08	59	327436	230.554	ug/l	100
12) 1,1-Dichloroethene	2.37	96	255185	48.371	ug/l	97
13) Acrolein	2.30	56	223777	233.567	ug/l	98
14) Allyl chloride	2.73	41	451502	50.844	ug/l	99
15) Acrylonitrile	3.15	53	804662	255.180	ug/l	100
16) Acetone	2.45	43	806512	275.853	ug/l	100
17) Carbon Disulfide	2.57	76	572225	40.987	ug/l	100
18) Methyl Acetate	2.78	43	476122	55.382	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	942512	53.828	ug/l	100
20) Methylene Chloride	2.85	84	297028	49.130	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	272336	46.590	ug/l	96
22) Diisopropyl ether	3.87	45	881793	54.279	ug/l	98
23) Vinyl Acetate	3.82	43	3626631	272.918	ug/l	99
24) 1,1-Dichloroethane	3.70	63	511433	52.737	ug/l	98
25) 2-Butanone	4.70	43	1077669	262.044	ug/l	99
26) 2,2-Dichloropropane	4.58	77	403945	53.922	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	321302	49.820	ug/l	97
28) Bromochloromethane	5.01	49	220407	54.065	ug/l	97
29) Tetrahydrofuran	5.15	42	670250	247.447	ug/l	98
30) Chloroform	5.21	83	513320	51.114	ug/l	98
31) Cyclohexane	5.57	56	411951	46.758	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	449446	53.002	ug/l	99
36) 1,1-Dichloropropene	5.80	75	366038	53.221	ug/l	98
37) Ethyl Acetate	4.85	43	398960	55.733	ug/l	99
38) Carbon Tetrachloride	5.78	117	391380	58.555	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	457931	50.574	ug/l	95
40) Benzene	6.14	78	1120135	53.580	ug/l	99
41) Methacrylonitrile	5.06	41	224945	59.188	ug/l	99
42) 1,2-Dichloroethane	6.20	62	387310	54.369	ug/l	99
43) Isopropyl Acetate	6.46	43	666767	61.217	ug/l	98
44) Trichloroethene	7.21	130	338196	53.448	ug/l	95
45) 1,2-Dichloropropane	7.51	63	292174	57.431	ug/l	99
46) Dibromomethane	7.66	93	204993	54.781	ug/l	97
47) Bromodichloromethane	7.90	83	375974	60.517	ug/l	97
48) Methyl methacrylate	7.77	41	333931	60.289	ug/l	97
49) 1,4-Dioxane	7.75	88	137650	948.819	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1997103	288.177	ug/l	99
52) Toluene	8.78	92	735901	54.487	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	428861	64.364	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	465640	63.690	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	313051	56.627	ug/l	98
56) Ethyl methacrylate	9.18	69	457857	58.598	ug/l	96
57) 1,3-Dichloropropane	9.37	76	500137	56.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1276439	307.325	ug/l	99
59) 2-Hexanone	9.49	43	1587338	299.364	ug/l	98
60) Dibromochloromethane	9.58	129	334677	57.517	ug/l	99
61) 1,2-Dibromoethane	9.67	107	335910	57.160	ug/l	100
64) Tetrachloroethene	9.34	164	335458	56.332	ug/l	96
65) Chlorobenzene	10.14	112	866220	54.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	320523	64.570	ug/l	99
67) Ethyl Benzene	10.25	91	1446937	55.655	ug/l	97
68) m/p-Xylenes	10.36	106	1147923	111.896	ug/l	100
69) o-Xylene	10.69	106	556462	54.930	ug/l	96
70) Styrene	10.71	104	916610	57.192	ug/l	99
71) Bromoform	10.86	173	253837	56.094	ug/l	98
73) Isopropylbenzene	11.02	105	1488364	54.124	ug/l	99
74) N-amyl acetate	10.90	43	598899	60.845	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	460365	56.292	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	426680m	57.118	ug/l	
77) Bromobenzene	11.26	156	404146	54.361	ug/l	99
78) n-propylbenzene	11.36	91	1682587	55.564	ug/l	99
79) 2-Chlorotoluene	11.42	91	968930	52.800	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1244091	54.927	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	135478	54.753	ug/l	98
82) 4-Chlorotoluene	11.51	91	1148434	54.558	ug/l	99
83) tert-Butylbenzene	11.77	119	1269087	55.983	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1260264	52.899	ug/l	99
85) sec-Butylbenzene	11.94	105	1499543	53.953	ug/l	100
86) p-Isopropyltoluene	12.06	119	1356184	55.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	731546	54.598	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	732852	53.354	ug/l	100
89) n-Butylbenzene	12.38	91	1176138	56.566	ug/l	99
90) Hexachloroethane	12.60	117	215646	55.976	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	730673	54.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	96605	57.089	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	523141	56.583	ug/l	99
94) Hexachlorobutadiene	13.78	225	226211	51.909	ug/l	100
95) Naphthalene	13.83	128	1525047	51.681	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	513804	53.824	ug/l	98

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

