

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007328.D
 Acq On : 01 Feb 2019 10:55
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:37:32 AM

Quant Time: Feb 02 00:43:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 00:12:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	481766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	708824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	662221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	359125	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	245821	48.07	ug/l	0.00
Spiked Amount						
			Recovery	=	96.14%	
35) Dibromofluoromethane	5.51	113	223946	48.56	ug/l	0.00
Spiked Amount						
			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	846435	49.47	ug/l	0.00
Spiked Amount						
			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.13	95	312576	50.03	ug/l	0.00
Spiked Amount						
			Recovery	=	100.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	302666	56.359	ug/l	100
3) Chloromethane	1.33	50	265349	48.900	ug/l	100
4) Vinyl Chloride	1.41	62	274263	51.519	ug/l	100
5) Bromomethane	1.64	94	268681	44.339	ug/l	100
6) Chloroethane	1.72	64	164224	47.688	ug/l	100
7) Trichlorofluoromethane	1.93	101	407031	48.877	ug/l	100
8) Diethyl Ether	2.19	74	149243	47.614	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	234762	47.392	ug/l	100
10) Methyl Iodide	2.51	142	374008	51.325	ug/l	100
11) Tert butyl alcohol	3.07	59	240829	227.572	ug/l	100
12) 1,1-Dichloroethene	2.37	96	216144	46.989	ug/l	100
13) Acrolein	2.29	56	125590	253.081	ug/l	100
14) Allyl chloride	2.73	41	365839	48.811	ug/l	100
15) Acrylonitrile	3.15	53	597862	228.374	ug/l	100
16) Acetone	2.45	43	544610	232.502	ug/l	100
17) Carbon Disulfide	2.57	76	565284	46.573	ug/l	100
18) Methyl Acetate	2.78	43	293812	44.332	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	694574	46.608	ug/l	100
20) Methylene Chloride	2.86	84	235966	44.562	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	228292	46.590	ug/l	100
22) Diisopropyl ether	3.87	45	660086	47.879	ug/l	100
23) Vinyl Acetate	3.82	43	2817060	246.239	ug/l	100
24) 1,1-Dichloroethane	3.70	63	378289	47.780	ug/l	100
25) 2-Butanone	4.69	43	772528	231.747	ug/l	100
26) 2,2-Dichloropropane	4.58	77	298429	49.495	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	247497	46.243	ug/l	100
28) Bromochloromethane	5.02	49	180845	49.671	ug/l	100
29) Tetrahydrofuran	5.15	42	494625	235.924	ug/l	100
30) Chloroform	5.21	83	393610	47.644	ug/l	100
31) Cyclohexane	5.57	56	342289	48.137	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	344244	49.364	ug/l	100
36) 1,1-Dichloropropene	5.80	75	296308	46.590	ug/l	100
37) Ethyl Acetate	4.85	43	293720	45.687	ug/l	100
38) Carbon Tetrachloride	5.78	117	307801	49.886	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	371816	48.321	ug/l	100
40) Benzene	6.14	78	885232	47.252	ug/l	100
41) Methacrylonitrile	5.06	41	165474	47.097	ug/l	100
42) 1,2-Dichloroethane	6.20	62	302215	46.624	ug/l	100
43) Isopropyl Acetate	6.45	43	479824	48.353	ug/l	100
44) Trichloroethene	7.21	130	267773	47.458	ug/l	100
45) 1,2-Dichloropropane	7.51	63	223279	47.568	ug/l	100
46) Dibromomethane	7.66	93	156146	45.770	ug/l	100
47) Bromodichloromethane	7.90	83	280923	48.587	ug/l	100
48) Methyl methacrylate	7.77	41	247990	49.962	ug/l	100
49) 1,4-Dioxane	7.75	88	106411	861.419	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1592867	243.836	ug/l	100
52) Toluene	8.78	92	581541	48.113	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	319984	51.523	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	349374	51.155	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	234697	46.581	ug/l	100
56) Ethyl methacrylate	9.18	69	346337	49.631	ug/l	100
57) 1,3-Dichloropropane	9.37	76	379163	47.321	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	924336	251.306	ug/l	100
59) 2-Hexanone	9.49	43	1212334	238.488	ug/l	100
60) Dibromochloromethane	9.58	129	251523	52.784	ug/l	100
61) 1,2-Dibromoethane	9.67	107	257567	48.272	ug/l	100
64) Tetrachloroethene	9.34	164	288811	46.272	ug/l	100
65) Chlorobenzene	10.14	112	674162	46.652	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	239661	49.466	ug/l	100
67) Ethyl Benzene	10.25	91	1117018	47.999	ug/l	100
68) m/p-Xylenes	10.36	106	899282	97.212	ug/l	100
69) o-Xylene	10.69	106	435335	48.906	ug/l	100
70) Styrene	10.71	104	711909	49.314	ug/l	100
71) Bromoform	10.86	173	193870	51.717	ug/l #	100
73) Isopropylbenzene	11.02	105	1149592	47.106	ug/l	100
74) N-amyl acetate	10.90	43	450007	47.673	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	338146	45.465	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	333804m	45.846	ug/l	
77) Bromobenzene	11.26	156	318445	46.312	ug/l	100
78) n-propylbenzene	11.36	91	1306367	48.816	ug/l	100
79) 2-Chlorotoluene	11.42	91	762387	46.951	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	963744	48.270	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101586	50.491	ug/l	100
82) 4-Chlorotoluene	11.51	91	909457	48.403	ug/l	100
83) tert-Butylbenzene	11.77	119	939700	47.538	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	988897	48.786	ug/l	100
85) sec-Butylbenzene	11.94	105	1181381	49.379	ug/l	100
86) p-Isopropyltoluene	12.06	119	1063705	49.253	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	571588	46.319	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	571042	45.643	ug/l	100
89) n-Butylbenzene	12.38	91	915433	49.274	ug/l	100
90) Hexachloroethane	12.60	117	162399	50.243	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	559490	45.558	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	71418	46.181	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	392853	47.434	ug/l	100
94) Hexachlorobutadiene	13.78	225	185443	46.112	ug/l	100
95) Naphthalene	13.83	128	1151587	47.548	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	386417	46.351	ug/l	100

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

