

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008182.D
 Acq On : 19 Mar 2019 11:09
 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
 3/20/2019 10:28:06 AM

Quant Time: Mar 19 11:45:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519120	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	457037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212593	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	238578	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	178915	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	687449	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	240822	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	203957	50.000	ug/l	98
3) Chloromethane	1.33	50	230991	50.000	ug/l	99
4) Vinyl Chloride	1.41	62	241880	50.000	ug/l	100
5) Bromomethane	1.64	94	207867	50.000	ug/l	99
6) Chloroethane	1.72	64	144888	50.000	ug/l	100
7) Trichlorofluoromethane	1.93	101	298474	50.000	ug/l	96
8) Diethyl Ether	2.19	74	169566	50.000	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	213860	50.000	ug/l	90
10) Methyl Iodide	2.51	142	283260	50.000	ug/l	97
11) Tert butyl alcohol	3.05	59	268539	250.000	ug/l	100
12) 1,1-Dichloroethene	2.37	96	202733	50.000	ug/l	90
13) Acrolein	2.29	56	182116	250.000	ug/l	99
14) Allyl chloride	2.73	41	451595	50.000	ug/l	94
15) Acrylonitrile	3.15	53	716661	250.000	ug/l	99
16) Acetone	2.45	43	699211	250.000	ug/l	97
17) Carbon Disulfide	2.57	76	632548	50.000	ug/l	99
18) Methyl Acetate	2.78	43	341637	50.000	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	743652	50.000	ug/l	98
20) Methylene Chloride	2.86	84	231639	50.000	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	214885	50.000	ug/l	93
22) Diisopropyl ether	3.86	45	886588	50.000	ug/l	91
23) Vinyl Acetate	3.82	43	3908844	250.000	ug/l	98
24) 1,1-Dichloroethane	3.70	63	446240	50.000	ug/l	98
25) 2-Butanone	4.68	43	1073269	249.960	ug/l	98
26) 2,2-Dichloropropane	4.59	77	339704	50.000	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	246785	50.000	ug/l	90
28) Bromochloromethane	5.02	49	187542	50.000	ug/l	82
29) Tetrahydrofuran	5.13	42	691638	250.000	ug/l	96
30) Chloroform	5.21	83	419118	50.000	ug/l	100
31) Cyclohexane	5.58	56	436017	50.000	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	352063	50.000	ug/l	96
36) 1,1-Dichloropropene	5.81	75	324532	50.000	ug/l	97
37) Ethyl Acetate	4.84	43	404185	50.000	ug/l	97
38) Carbon Tetrachloride	5.79	117	296604	50.000	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	401331	50.000	ug/l	92
40) Benzene	6.15	78	972599	50.000	ug/l	99
41) Methacrylonitrile	5.04	41	226376	50.000	ug/l	95
42) 1,2-Dichloroethane	6.20	62	351820	50.000	ug/l	95
43) Isopropyl Acetate	6.45	43	647462	50.000	ug/l	97
44) Trichloroethene	7.21	130	231491	50.000	ug/l	89
45) 1,2-Dichloropropane	7.51	63	267473	50.000	ug/l	100
46) Dibromomethane	7.66	93	161431	50.000	ug/l #	86
47) Bromodichloromethane	7.90	83	319589	50.000	ug/l	98
48) Methyl methacrylate	7.77	41	340557	50.000	ug/l	93
49) 1,4-Dioxane	7.74	88	111767	1000.000	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	2063943	250.000	ug/l	98
52) Toluene	8.79	92	572387	50.000	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	368870	50.000	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	402991	50.000	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	235856	50.000	ug/l	98
56) Ethyl methacrylate	9.18	69	395174	50.000	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	416476	50.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	919392	250.000	ug/l	94
59) 2-Hexanone	9.49	43	1573387	250.000	ug/l	96
60) Dibromochloromethane	9.58	129	233943	50.000	ug/l	98
61) 1,2-Dibromoethane	9.67	107	245083	50.000	ug/l	100
64) Tetrachloroethene	9.34	164	219713	50.000	ug/l	95
65) Chlorobenzene	10.14	112	603113	50.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	216205	50.000	ug/l	99
67) Ethyl Benzene	10.25	91	1098097	50.000	ug/l	97
68) m/p-Xylenes	10.36	106	805645	100.000	ug/l	93
69) o-Xylene	10.70	106	392521	50.000	ug/l	94
70) Styrene	10.71	104	642416	50.000	ug/l	95
71) Bromoform	10.85	173	168582	50.000	ug/l #	99
73) Isopropylbenzene	11.02	105	1044737	50.000	ug/l	98
74) N-amyl acetate	10.90	43	555651	50.000	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	359049	50.000	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	313414m	49.653	ug/l	
77) Bromobenzene	11.26	156	245124	50.000	ug/l	84
78) n-propylbenzene	11.36	91	1238809	50.000	ug/l	96
79) 2-Chlorotoluene	11.42	91	719722	50.000	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	870273	50.000	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	119774	50.000	ug/l	93
82) 4-Chlorotoluene	11.51	91	841321	50.000	ug/l	95
83) tert-Butylbenzene	11.77	119	817449	50.000	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	885825	50.000	ug/l	97
85) sec-Butylbenzene	11.94	105	1033324	50.000	ug/l	97
86) p-Isopropyltoluene	12.06	119	895785	50.000	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	438393	50.000	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	438900	50.000	ug/l	97
89) n-Butylbenzene	12.38	91	851765	50.000	ug/l	97
90) Hexachloroethane	12.60	117	153999	50.000	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	436881	50.000	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	81459	50.000	ug/l	78

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93) 1,2,4-Trichlorobenzene	13.65	180	293772	50.000	ug/l	98
94) Hexachlorobutadiene	13.78	225	143498	50.000	ug/l	98
95) Naphthalene	13.83	128	968212	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	291150	50.000	ug/l	99

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

