

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010104.D
 Acq On : 07 Jun 2019 12:41
 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
 6/10/2019 10:53:35 AM

Quant Time: Jun 07 13:13:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:02:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	446367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223347	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	152890	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	148020	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	562893	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	210675	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	160689	50.000	ug/l	97
3) Chloromethane	1.32	50	147085	50.000	ug/l	99
4) Vinyl Chloride	1.41	62	138235	50.000	ug/l	100
5) Bromomethane	1.64	94	51579	50.000	ug/l	97
6) Chloroethane	1.71	64	77184	50.000	ug/l	100
7) Trichlorofluoromethane	1.92	101	202209	50.000	ug/l	98
8) Diethyl Ether	2.19	74	67121	50.000	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136283	50.000	ug/l	91
10) Methyl Iodide	2.51	142	224814	50.000	ug/l	96
11) Tert butyl alcohol	3.05	59	191192	250.000	ug/l	99
12) 1,1-Dichloroethene	2.37	96	140524	50.000	ug/l #	79
13) Acrolein	2.29	56	38439	250.000	ug/l	99
14) Allyl chloride	2.73	41	210770	50.000	ug/l #	87
15) Acrylonitrile	3.14	53	387718	250.000	ug/l	99
16) Acetone	2.45	43	357178	250.000	ug/l #	89
17) Carbon Disulfide	2.57	76	395622	50.000	ug/l	99
18) Methyl Acetate	2.78	43	153611	50.000	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	449614	50.000	ug/l	93
20) Methylene Chloride	2.85	84	154659	50.000	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	151883	50.000	ug/l #	79
22) Diisopropyl ether	3.85	45	413519	50.000	ug/l #	89
23) Vinyl Acetate	3.81	43	1863379	250.000	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	243265	50.000	ug/l	96
25) 2-Butanone	4.67	43	546610	250.000	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	223929	50.000	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	173271	50.000	ug/l	80
28) Bromochloromethane	5.01	49	109911	50.000	ug/l #	48
29) Tetrahydrofuran	5.13	42	337741	250.000	ug/l #	74
30) Chloroform	5.21	83	257584	50.000	ug/l	97
31) Cyclohexane	5.58	56	227046	50.000	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	234778	50.000	ug/l	94
36) 1,1-Dichloropropene	5.80	75	191159	50.000	ug/l	92
37) Ethyl Acetate	4.84	43	201236	50.000	ug/l #	91
38) Carbon Tetrachloride	5.78	117	216553	50.000	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	258758	50.000	ug/l #	85
40) Benzene	6.14	78	601492	50.000	ug/l	98
41) Methacrylonitrile	5.04	41	109919	50.000	ug/l #	85
42) 1,2-Dichloroethane	6.20	62	191176	50.000	ug/l	95
43) Isopropyl Acetate	6.45	43	335272	50.000	ug/l #	89
44) Trichloroethene	7.21	130	177476	50.000	ug/l	89
45) 1,2-Dichloropropane	7.51	63	150359	50.000	ug/l	99
46) Dibromomethane	7.66	93	108272	50.000	ug/l	92
47) Bromodichloromethane	7.90	83	211150	50.000	ug/l	100
48) Methyl methacrylate	7.77	41	162485	50.000	ug/l #	79
49) 1,4-Dioxane	7.74	88	89368	1000.000	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1047102	250.000	ug/l	89
52) Toluene	8.78	92	389904	50.000	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	245237	50.000	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	260095	50.000	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	163204	50.000	ug/l	96
56) Ethyl methacrylate	9.18	69	261454	50.000	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	253370	50.000	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	623933	250.000	ug/l #	86
59) 2-Hexanone	9.49	43	828571	250.000	ug/l	88
60) Dibromochloromethane	9.58	129	193004	50.000	ug/l	100
61) 1,2-Dibromoethane	9.67	107	179025	50.000	ug/l	100
64) Tetrachloroethene	9.34	164	155284	50.000	ug/l	97
65) Chlorobenzene	10.13	112	444694	50.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	171360	50.000	ug/l	100
67) Ethyl Benzene	10.25	91	758030	50.000	ug/l	94
68) m/p-Xylenes	10.36	106	586760	100.000	ug/l	91
69) o-Xylene	10.69	106	288506	50.000	ug/l	91
70) Styrene	10.71	104	501406	50.000	ug/l	95
71) Bromoform	10.85	173	158985	50.000	ug/l #	98
73) Isopropylbenzene	11.02	105	755560	50.000	ug/l	95
74) N-amyl acetate	10.90	43	301468	50.000	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	255781	50.000	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	214394m	50.185	ug/l	
77) Bromobenzene	11.26	156	206666	50.000	ug/l	84
78) n-propylbenzene	11.36	91	848658	50.000	ug/l	95
79) 2-Chlorotoluene	11.42	91	504732	50.000	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	632148	50.000	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	99585	50.000	ug/l #	83
82) 4-Chlorotoluene	11.51	91	583630	50.000	ug/l	93
83) tert-Butylbenzene	11.77	119	639394	50.000	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	640712	50.000	ug/l	95
85) sec-Butylbenzene	11.94	105	747866	50.000	ug/l	96
86) p-Isopropyltoluene	12.06	119	688151	50.000	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	365183	50.000	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	359681	50.000	ug/l	98
89) n-Butylbenzene	12.38	91	596253	50.000	ug/l	97
90) Hexachloroethane	12.59	117	135877	50.000	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	353563	50.000	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58714	50.000	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	252308	50.000	ug/l	100
94) Hexachlorobutadiene	13.78	225	112222	50.000	ug/l	99
95) Naphthalene	13.83	128	813826	50.000	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	250064	50.000	ug/l	98

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

