

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
 Data File : VX010289.D
 Acq On : 14 Jun 2019 10:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 10:30:51 AM

Quant Time: Jun 14 16:25:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	309989	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	451509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	412409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212019	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	137136	45.32	ug/l	0.00
Spiked Amount						
			Recovery	=	90.64%	
35) Dibromofluoromethane	5.49	113	138589	49.76	ug/l	0.00
Spiked Amount						
			Recovery	=	99.52%	
50) Toluene-d8	8.71	98	522478	50.06	ug/l	0.00
Spiked Amount						
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	189319	48.57	ug/l	0.00
Spiked Amount						
			Recovery	=	97.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	152714	53.540	ug/l	98
3) Chloromethane	1.32	50	135274	47.754	ug/l	99
4) Vinyl Chloride	1.41	62	150966	56.704	ug/l	100
5) Bromomethane	1.64	94	63612	63.317	ug/l	96
6) Chloroethane	1.71	64	86891	64.733	ug/l	100
7) Trichlorofluoromethane	1.92	101	239929	60.669	ug/l	100
8) Diethyl Ether	2.18	74	82847	60.780	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	143665	52.701	ug/l	92
10) Methyl Iodide	2.51	142	198634	47.029	ug/l	98
11) Tert butyl alcohol	3.05	59	190139	256.512	ug/l	97
12) 1,1-Dichloroethene	2.37	96	136140	48.894	ug/l #	80
13) Acrolein	2.29	56	39944	295.532	ug/l	100
14) Allyl chloride	2.73	41	203341	48.381	ug/l #	89
15) Acrylonitrile	3.14	53	392955	259.360	ug/l	98
16) Acetone	2.44	43	383359	269.368	ug/l	90
17) Carbon Disulfide	2.56	76	346045	43.012	ug/l	100
18) Methyl Acetate	2.77	43	165958	53.024	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	449611	50.262	ug/l	94
20) Methylene Chloride	2.85	84	153272	49.039	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	147172	47.762	ug/l #	77
22) Diisopropyl ether	3.85	45	418961	52.137	ug/l #	83
23) Vinyl Acetate	3.81	43	1851010	258.205	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	240389	49.271	ug/l	95
25) 2-Butanone	4.67	43	567179	267.633	ug/l #	83
26) 2,2-Dichloropropane	4.58	77	219652	49.349	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	173832	50.711	ug/l	78
28) Bromochloromethane	5.01	49	103260	47.224	ug/l #	50
29) Tetrahydrofuran	5.12	42	342329	257.033	ug/l #	76
30) Chloroform	5.21	83	259881	51.289	ug/l	98
31) Cyclohexane	5.58	56	222223	50.467	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	231961	48.695	ug/l	93
36) 1,1-Dichloropropene	5.80	75	189675	51.491	ug/l	92
37) Ethyl Acetate	4.83	43	200166	52.226	ug/l #	91
38) Carbon Tetrachloride	5.78	117	214092	51.348	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	256613	51.159	ug/l #	83
40) Benzene	6.14	78	601128	52.775	ug/l	98
41) Methacrylonitrile	5.04	41	109827	52.973	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	186175	51.197	ug/l	93
43) Isopropyl Acetate	6.44	43	336050	52.440	ug/l #	89
44) Trichloroethene	7.21	130	180855	52.675	ug/l	86
45) 1,2-Dichloropropane	7.51	63	150822	52.902	ug/l	98
46) Dibromomethane	7.66	93	107872	50.505	ug/l	90
47) Bromodichloromethane	7.89	83	206676	51.785	ug/l	97
48) Methyl methacrylate	7.77	41	157119	52.426	ug/l #	77
49) 1,4-Dioxane	7.74	88	84138	984.684	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	1047374	273.588	ug/l	90
52) Toluene	8.78	92	394244	52.654	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	235776	51.074	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	255349	51.596	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	166357	54.251	ug/l	96
56) Ethyl methacrylate	9.18	69	254945	52.632	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	256744	53.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	584762	256.077	ug/l #	86
59) 2-Hexanone	9.49	43	825239	270.363	ug/l	88
60) Dibromochloromethane	9.58	129	194816	53.712	ug/l	99
61) 1,2-Dibromoethane	9.67	107	180229	52.772	ug/l	99
64) Tetrachloroethene	9.34	164	171154	55.877	ug/l	95
65) Chlorobenzene	10.13	112	449050	52.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	172232	52.617	ug/l	99
67) Ethyl Benzene	10.25	91	768220	53.017	ug/l	95
68) m/p-Xylenes	10.35	106	593625	105.868	ug/l	90
69) o-Xylene	10.69	106	290921	52.194	ug/l	89
70) Styrene	10.71	104	499474	52.909	ug/l	95
71) Bromoform	10.85	173	156428	51.983	ug/l	98
73) Isopropylbenzene	11.02	105	778101	52.573	ug/l	96
74) N-amyl acetate	10.90	43	296032	50.599	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	253074	49.952	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	214289m	50.530	ug/l	
77) Bromobenzene	11.25	156	212487	52.208	ug/l	80
78) n-propylbenzene	11.36	91	875529	53.137	ug/l	94
79) 2-Chlorotoluene	11.42	91	506481	51.180	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	647643	51.953	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	93796	48.867	ug/l	85
82) 4-Chlorotoluene	11.51	91	580537	51.642	ug/l	91
83) tert-Butylbenzene	11.77	119	651177	51.610	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	654254	51.959	ug/l	95
85) sec-Butylbenzene	11.94	105	775621	52.765	ug/l	95
86) p-Isopropyltoluene	12.06	119	721505	53.691	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	377008	52.589	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	375061	51.898	ug/l	98
89) n-Butylbenzene	12.38	91	631701	54.611	ug/l	97
90) Hexachloroethane	12.60	117	134269	50.158	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	367033	52.662	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54114	45.391	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	271127	53.145	ug/l	99
94) Hexachlorobutadiene	13.78	225	130340	57.447	ug/l	99
95) Naphthalene	13.83	128	827745	51.542	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	266513	52.835	ug/l	99

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

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