

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011751.D
 Acq On : 22 Aug 2019 10:06
 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
 8/23/2019 1:55:49 PM

Quant Time: Aug 23 01:43:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	397923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	543715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	476516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278392	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	196351	51.76	ug/l	0.00
Spiked Amount						
			Recovery	=	103.52%	
35) Dibromofluoromethane	5.49	113	176572	49.01	ug/l	0.00
Spiked Amount						
			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	647325	56.01	ug/l	0.00
Spiked Amount						
			Recovery	=	112.02%	
62) 4-Bromofluorobenzene	11.13	95	242026	50.67	ug/l	0.00
Spiked Amount						
			Recovery	=	101.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	204786	52.870	ug/l	100
3) Chloromethane	1.32	50	166990	42.026	ug/l	100
4) Vinyl Chloride	1.40	62	160343	44.682	ug/l	100
5) Bromomethane	1.63	94	85858	51.585	ug/l	100
6) Chloroethane	1.71	64	104699	58.580	ug/l	100
7) Trichlorofluoromethane	1.92	101	261849	51.225	ug/l	100
8) Diethyl Ether	2.18	74	84858	48.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	162590	46.718	ug/l	100
10) Methyl Iodide	2.50	142	214878	44.544	ug/l	100
11) Tert butyl alcohol	3.04	59	202144	228.501	ug/l	100
12) 1,1-Dichloroethene	2.37	96	153257	45.720	ug/l	100
13) Acrolein	2.29	56	68105	225.381	ug/l	100
14) Allyl chloride	2.72	41	260297	46.796	ug/l	100
15) Acrylonitrile	3.14	53	474041	232.955	ug/l	100
16) Acetone	2.43	43	443050	240.012	ug/l	100
17) Carbon Disulfide	2.56	76	405379	50.528	ug/l	100
18) Methyl Acetate	2.76	43	254417	45.313	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	515621	47.320	ug/l	100
20) Methylene Chloride	2.85	84	177748	45.941	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	173131	48.401	ug/l	100
22) Diisopropyl ether	3.85	45	488208	44.553	ug/l	100
23) Vinyl Acetate	3.81	43	2079918	237.874	ug/l	100
24) 1,1-Dichloroethane	3.69	63	286669	45.766	ug/l	100
25) 2-Butanone	4.66	43	633577	223.178	ug/l	100
26) 2,2-Dichloropropane	4.57	77	240340	50.212	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	192105	46.417	ug/l	100
28) Bromochloromethane	5.00	49	132042	47.790	ug/l	100
29) Tetrahydrofuran	5.12	42	422855	226.719	ug/l	100
30) Chloroform	5.20	83	303707	45.907	ug/l	100
31) Cyclohexane	5.57	56	259917	48.144	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	279313	48.870	ug/l	100
36) 1,1-Dichloropropene	5.79	75	213441	46.657	ug/l	100
37) Ethyl Acetate	4.82	43	240003	45.869	ug/l	100
38) Carbon Tetrachloride	5.78	117	241811	47.825	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	279237	48.966	ug/l	100
40) Benzene	6.13	78	648257	45.682	ug/l	100
41) Methacrylonitrile	5.03	41	129903	45.371	ug/l	100
42) 1,2-Dichloroethane	6.18	62	242926	48.966	ug/l	100
43) Isopropyl Acetate	6.44	43	377416	46.096	ug/l	100
44) Trichloroethene	7.21	130	203129	47.810	ug/l	100
45) 1,2-Dichloropropane	7.51	63	167533	47.314	ug/l	100
46) Dibromomethane	7.66	93	121278	46.733	ug/l	100
47) Bromodichloromethane	7.90	83	229977	48.428	ug/l	100
48) Methyl methacrylate	7.76	41	192413	47.501	ug/l	100
49) 1,4-Dioxane	7.73	88	99836	923.827	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1237826	232.026	ug/l	100
52) Toluene	8.78	92	434551	47.744	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	249064	50.563	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	269234	50.055	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	178616	46.277	ug/l	100
56) Ethyl methacrylate	9.18	69	277269	49.485	ug/l	100
57) 1,3-Dichloropropane	9.37	76	274823	45.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	723874	256.520	ug/l	100
59) 2-Hexanone	9.49	43	977922	237.366	ug/l	100
60) Dibromochloromethane	9.58	129	203959	50.834	ug/l	100
61) 1,2-Dibromoethane	9.67	107	197710	47.920	ug/l	100
64) Tetrachloroethene	9.34	164	203838	51.755	ug/l	100
65) Chlorobenzene	10.13	112	463670	46.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	182750	48.712	ug/l	100
67) Ethyl Benzene	10.25	91	827927	49.128	ug/l	100
68) m/p-Xylenes	10.35	106	651865	100.702	ug/l	100
69) o-Xylene	10.69	106	314234	49.518	ug/l	100
70) Styrene	10.71	104	531067	49.973	ug/l	100
71) Bromoform	10.85	173	162528	51.045	ug/l	100
73) Isopropylbenzene	11.02	105	852527	47.746	ug/l	100
74) N-amyl acetate	10.90	43	331356	44.239	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	268623	44.219	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	242146m	46.671	ug/l	
77) Bromobenzene	11.25	156	242055	45.820	ug/l	100
78) n-propylbenzene	11.36	91	941840	48.928	ug/l	100
79) 2-Chlorotoluene	11.42	91	567458	48.064	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	730563	48.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	86447	49.444	ug/l	100
82) 4-Chlorotoluene	11.51	91	657435	47.949	ug/l	100
83) tert-Butylbenzene	11.77	119	725421	47.658	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	736217	48.954	ug/l	100
85) sec-Butylbenzene	11.94	105	800151	46.769	ug/l	100
86) p-Isopropyltoluene	12.06	119	796099	49.196	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	430737	47.224	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	429869	46.522	ug/l	100
89) n-Butylbenzene	12.38	91	659850	49.530	ug/l	100
90) Hexachloroethane	12.59	117	124586	48.701	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	427902	46.783	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64998	46.361	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	328333	48.176	ug/l	100
94) Hexachlorobutadiene	13.78	225	162699	44.376	ug/l	100
95) Naphthalene	13.83	128	911040	47.724	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	327284	47.719	ug/l	100

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

