

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011262.D
 Acq On : 01 Aug 2019 16:13
 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
 8/2/2019 9:07:05 AM

Quant Time: Aug 02 01:41:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	149389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	218306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	71487	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	
35) Dibromofluoromethane	5.49	113	68937	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	259201	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.13	95	94486	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	56961	43.138	ug/l 100
3) Chloromethane	1.32	50	62863	46.406	ug/l 100
4) Vinyl Chloride	1.40	62	71288	51.021	ug/l 100
5) Bromomethane	1.63	94	49924	59.376	ug/l 100
6) Chloroethane	1.71	64	47304	52.454	ug/l 100
7) Trichlorofluoromethane	1.92	101	129103	53.664	ug/l 100
8) Diethyl Ether	2.18	74	43647	52.517	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68050	50.010	ug/l 100
10) Methyl Iodide	2.50	142	94574	53.134	ug/l 100
11) Tert butyl alcohol	3.04	59	77246	212.785	ug/l 100
12) 1,1-Dichloroethene	2.37	96	67124	50.426	ug/l 100
13) Acrolein	2.29	56	46372	221.313	ug/l 100
14) Allyl chloride	2.72	41	95209	49.308	ug/l 100
15) Acrylonitrile	3.14	53	185282	246.953	ug/l 100
16) Acetone	2.43	43	176675	245.984	ug/l 100
17) Carbon Disulfide	2.56	76	164247	48.508	ug/l 100
18) Methyl Acetate	2.76	43	80532	48.693	ug/l 100
19) Methyl tert-butyl Ether	3.18	73	205372	47.992	ug/l 100
20) Methylene Chloride	2.85	84	75300	49.216	ug/l 100
21) trans-1,2-Dichloroethene	3.16	96	73283	51.461	ug/l 100
22) Diisopropyl ether	3.85	45	198459	48.634	ug/l 100
23) Vinyl Acetate	3.81	43	888906	256.964	ug/l 100
24) 1,1-Dichloroethane	3.69	63	117502	49.370	ug/l 100
25) 2-Butanone	4.67	43	262838	254.232	ug/l 100
26) 2,2-Dichloropropane	4.57	77	94348	48.632	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	81505	49.553	ug/l 100
28) Bromochloromethane	5.01	49	51125	46.090	ug/l 100
29) Tetrahydrofuran	5.12	42	162186	248.070	ug/l 100
30) Chloroform	5.20	83	126472	49.124	ug/l 100
31) Cyclohexane	5.57	56	98399	46.115	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	111531	50.230	ug/l 100
36) 1,1-Dichloropropene	5.79	75	94483	52.111	ug/l 100
37) Ethyl Acetate	4.82	43	95215	51.758	ug/l 100
38) Carbon Tetrachloride	5.78	117	99113	52.554	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111536	48.180	ug/l	100
40) Benzene	6.13	78	289539	52.138	ug/l	100
41) Methacrylonitrile	5.03	41	52970	50.160	ug/l	100
42) 1,2-Dichloroethane	6.19	62	94847	49.361	ug/l	100
43) Isopropyl Acetate	6.44	43	153519	50.637	ug/l	100
44) Trichloroethene	7.21	130	85595	51.998	ug/l	100
45) 1,2-Dichloropropane	7.51	63	72729	51.466	ug/l	100
46) Dibromomethane	7.66	93	52592	52.118	ug/l	100
47) Bromodichloromethane	7.90	83	93567	52.274	ug/l	100
48) Methyl methacrylate	7.76	41	73467	49.815	ug/l	100
49) 1,4-Dioxane	7.74	88	42306	1019.909	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	516151	261.753	ug/l	100
52) Toluene	8.78	92	191123	52.348	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	101831	53.046	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	114644	53.557	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	78371	52.120	ug/l	100
56) Ethyl methacrylate	9.18	69	115608	52.961	ug/l	100
57) 1,3-Dichloropropane	9.37	76	121699	51.205	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	278953	266.669	ug/l	100
59) 2-Hexanone	9.49	43	411052	268.763	ug/l	100
60) Dibromochloromethane	9.58	129	83773	55.199	ug/l	100
61) 1,2-Dibromoethane	9.67	107	85416	53.498	ug/l	100
64) Tetrachloroethene	9.34	164	83283	52.090	ug/l	100
65) Chlorobenzene	10.13	112	214060	51.411	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	78400	53.778	ug/l	100
67) Ethyl Benzene	10.25	91	369806	52.360	ug/l	100
68) m/p-Xylenes	10.36	106	292200	107.303	ug/l	100
69) o-Xylene	10.69	106	140373	52.992	ug/l	100
70) Styrene	10.71	104	242626	54.864	ug/l	100
71) Bromoform	10.85	173	64111	55.134	ug/l	100
73) Isopropylbenzene	11.02	105	380065	50.885	ug/l	100
74) N-amyl acetate	10.90	43	147666	52.037	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	126649	51.781	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	103566m	51.965	ug/l	
77) Bromobenzene	11.26	156	104606	50.740	ug/l	100
78) n-propylbenzene	11.36	91	427003	51.797	ug/l	100
79) 2-Chlorotoluene	11.42	91	248516	50.308	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	318462	51.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36660	50.997	ug/l	100
82) 4-Chlorotoluene	11.51	91	292804	50.845	ug/l	100
83) tert-Butylbenzene	11.77	119	316566	51.704	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	327091	52.028	ug/l	100
85) sec-Butylbenzene	11.94	105	378289	52.648	ug/l	100
86) p-Isopropyltoluene	12.06	119	353229	53.127	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187429	52.239	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	189460	51.529	ug/l	100
89) n-Butylbenzene	12.38	91	306685	53.925	ug/l	100
90) Hexachloroethane	12.60	117	54795	52.484	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	187812	52.760	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25823	50.984	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	127931	53.185	ug/l	100
94) Hexachlorobutadiene	13.78	225	63184	52.810	ug/l	100
95) Naphthalene	13.83	128	388007	54.578	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128150	53.433	ug/l	100

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

