

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
 Data File : VX004193.D
 Acq On : 22 Aug 2018 11:41
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/23/2018 9:39:53 AM

Quant Time: Aug 23 04:52:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 04:40:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	322811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	468381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277159	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201717	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.50	113	168019	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	652426	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.14	95	241410	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	201641	53.93	ug/l	100
3) Chloromethane	1.32	50	207454	47.60	ug/l	100
4) Vinyl Chloride	1.40	62	217900	51.52	ug/l	100
5) Bromomethane	1.64	94	107602	42.02	ug/l	100
6) Chloroethane	1.72	64	141234	43.46	ug/l	100
7) Trichlorofluoromethane	1.92	101	293232	50.59	ug/l	100
8) Diethyl Ether	2.18	74	122581	49.39	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176168	48.53	ug/l	100
10) Methyl Iodide	2.51	142	201565	54.00	ug/l	100
11) Tert butyl alcohol	3.08	59	224692	250.53	ug/l	100
12) 1,1-Dichloroethene	2.37	96	166212	48.60	ug/l	100
13) Acrolein	2.29	56	52832	244.34	ug/l	100
14) Allyl chloride	2.73	41	314338	50.03	ug/l	100
15) Acrylonitrile	3.15	53	537055	241.80	ug/l	100
16) Acetone	2.45	43	444568	222.41	ug/l	100
17) Carbon Disulfide	2.57	76	469982	46.74	ug/l	100
18) Methyl Acetate	2.78	43	314900	50.44	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	553450	49.11	ug/l	100
20) Methylene Chloride	2.86	84	187697	46.34	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	179907	47.53	ug/l	100
22) Diisopropyl ether	3.87	45	572393	48.79	ug/l	100
23) Vinyl Acetate	3.82	43	2378647	250.17	ug/l	100
24) 1,1-Dichloroethane	3.69	63	341670	49.98	ug/l	100
25) 2-Butanone	4.70	43	708316	226.86	ug/l	100
26) 2,2-Dichloropropane	4.58	77	265447	49.50	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	208626	48.59	ug/l	100
28) Bromochloromethane	5.01	49	157391	52.00	ug/l	100
29) Tetrahydrofuran	5.16	42	452089	250.09	ug/l	100
30) Chloroform	5.21	83	336895	49.15	ug/l	100
31) Cyclohexane	5.57	56	298266	50.56	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	286356	50.10	ug/l	100
36) 1,1-Dichloropropene	5.80	75	262041	49.76	ug/l	100
37) Ethyl Acetate	4.86	43	260343	50.27	ug/l	100
38) Carbon Tetrachloride	5.78	117	252693	51.01	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	303642	50.51	ug/l	100
40) Benzene	6.14	78	789825	50.20	ug/l	100
41) Methacrylonitrile	5.06	41	151166	50.36	ug/l	100
42) 1,2-Dichloroethane	6.20	62	266535	49.66	ug/l	100
43) Isopropyl Acetate	6.46	43	407620	51.22	ug/l	100
44) Trichloroethene	7.21	130	211748	48.62	ug/l	100
45) 1,2-Dichloropropane	7.52	63	199391	50.63	ug/l	100
46) Dibromomethane	7.66	93	130560	49.79	ug/l	100
47) Bromodichloromethane	7.90	83	251958	51.64	ug/l	100
48) Methyl methacrylate	7.77	41	222181	52.18	ug/l	100
49) 1,4-Dioxane	7.76	88	100125	1035.70	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1406763	243.31	ug/l	100
52) Toluene	8.79	92	502792	51.05	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	285505	52.98	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	308770	52.60	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	201213	50.61	ug/l	100
56) Ethyl methacrylate	9.18	69	288718	53.34	ug/l	100
57) 1,3-Dichloropropane	9.37	76	338056	50.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	761307	274.52	ug/l	100
59) 2-Hexanone	9.50	43	1080412	244.94	ug/l	100
60) Dibromochloromethane	9.59	129	203358	52.50	ug/l	100
61) 1,2-Dibromoethane	9.67	107	208821	50.75	ug/l	100
64) Tetrachloroethene	9.34	164	201363	50.44	ug/l	100
65) Chlorobenzene	10.14	112	504667	49.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	181923	52.01	ug/l	100
67) Ethyl Benzene	10.26	91	874195	53.08	ug/l	100
68) m/p-Xylenes	10.36	106	696743	108.18	ug/l	100
69) o-Xylene	10.70	106	334280	54.87	ug/l	100
70) Styrene	10.71	104	551196	55.88	ug/l	100
71) Bromoform	10.86	173	150439	53.35	ug/l	100
73) Isopropylbenzene	11.02	105	958595	52.66	ug/l	100
74) N-amyl acetate	10.90	43	366611	52.31	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	312515	49.06	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	282119m	51.56	ug/l	
77) Bromobenzene	11.26	156	253805	49.70	ug/l	100
78) n-propylbenzene	11.36	91	1112260	53.13	ug/l	100
79) 2-Chlorotoluene	11.42	91	651716	50.57	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	801046	53.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	91199	52.49	ug/l	100
82) 4-Chlorotoluene	11.51	91	770214	50.79	ug/l	100
83) tert-Butylbenzene	11.77	119	809756	53.39	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	839254	54.24	ug/l	100
85) sec-Butylbenzene	11.94	105	946259	52.55	ug/l	100
86) p-Isopropyltoluene	12.07	119	873102	54.10	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	472364	49.13	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	482450	47.72	ug/l	100
89) n-Butylbenzene	12.39	91	677958	51.66	ug/l	100
90) Hexachloroethane	12.60	117	115175	51.06	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	433293	49.31	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57457	51.21	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	314673	49.22	ug/l	100
94) Hexachlorobutadiene	13.79	225	151323	48.21	ug/l	100
95) Naphthalene	13.83	128	1012261	55.98	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	342195	50.56	ug/l	100

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

