

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052453.D
 Acq On : 21 Nov 2018 21:50
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 4:56:49 PM

Quant Time: Nov 22 01:32:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	263167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	446901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	400069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184127	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	207206	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	7.59	113	149363	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.09	98	556599	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.40	95	196631	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	135456	48.57	ug/l	99
3) Chloromethane	2.06	50	181904	46.94	ug/l	98
4) Vinyl Chloride	2.19	62	158186	47.22	ug/l	98
5) Bromomethane	2.57	94	92818	44.44	ug/l	97
6) Chloroethane	2.71	64	91896	48.52	ug/l	97
7) Trichlorofluoromethane	3.02	101	239632	51.69	ug/l	98
8) Diethyl Ether	3.41	74	83439	47.23	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.77	101	140650	48.04	ug/l	97
10) Methyl Iodide	3.96	142	170779	43.45	ug/l	96
11) Tert butyl alcohol	4.78	59	45400	231.29	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	126070	46.54	ug/l	97
13) Acrolein	3.61	56	74837	252.53	ug/l	100
14) Allyl chloride	4.33	41	284470	51.14	ug/l	99
15) Acrylonitrile	4.99	53	274347	244.77	ug/l	97
16) Acetone	3.82	43	229438	224.19	ug/l	92
17) Carbon Disulfide	4.06	76	361897	46.59	ug/l	100
18) Methyl Acetate	4.33	43	150997	52.63	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	403865	51.88	ug/l	99
20) Methylene Chloride	4.55	84	159427	51.22	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	137141	47.02	ug/l	94
22) Diisopropyl ether	5.95	45	604624	53.27	ug/l	100
23) Vinyl Acetate	5.90	43	2016189	261.87	ug/l	99
24) 1,1-Dichloroethane	5.85	63	309110	50.79	ug/l	99
25) 2-Butanone	6.84	43	353735	245.57	ug/l	97
26) 2,2-Dichloropropane	6.82	77	202559	45.26	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	163880	48.26	ug/l	95
28) Bromochloromethane	7.20	49	160513	51.29	ug/l	97
29) Tetrahydrofuran	7.21	42	231210	244.33	ug/l	100
30) Chloroform	7.37	83	306743	52.89	ug/l	97
31) Cyclohexane	7.65	56	275877	48.80	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	256352	51.88	ug/l	97
36) 1,1-Dichloropropene	7.79	75	227520	50.79	ug/l	98
37) Ethyl Acetate	6.93	43	160423	49.35	ug/l	97
38) Carbon Tetrachloride	7.78	117	222119	53.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	247734	48.45	ug/l	97
40) Benzene	8.04	78	636695	49.76	ug/l	98
41) Methacrylonitrile	7.17	41	89219	49.46	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	254246	55.72	ug/l	98
43) Isopropyl Acetate	8.17	43	304820	48.59	ug/l	99
44) Trichloroethene	8.84	130	159213	50.51	ug/l	100
45) 1,2-Dichloropropane	9.12	63	182561	50.27	ug/l	100
46) Dibromomethane	9.21	93	109546	52.11	ug/l	95
47) Bromodichloromethane	9.40	83	235010	54.47	ug/l	98
48) Methyl methacrylate	9.20	41	158081	49.66	ug/l	96
49) 1,4-Dioxane	9.20	88	24085	985.70	ug/l #	91
51) 4-Methyl-2-Pentanone	9.98	43	839591	265.89	ug/l	98
52) Toluene	10.16	92	391274	51.11	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	225956	51.93	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	258065	52.03	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	139020	50.10	ug/l	99
56) Ethyl methacrylate	10.43	69	186384	51.07	ug/l	95
57) 1,3-Dichloropropane	10.71	76	255751	52.03	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	549601	264.52	ug/l	99
59) 2-Hexanone	10.75	43	549584	253.04	ug/l	98
60) Dibromochloromethane	10.90	129	160306	53.39	ug/l	99
61) 1,2-Dibromoethane	11.00	107	138277	50.02	ug/l	99
64) Tetrachloroethene	10.63	164	141134	49.62	ug/l	97
65) Chlorobenzene	11.43	112	422063	49.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153374	53.19	ug/l	98
67) Ethyl Benzene	11.51	91	769644	52.44	ug/l	98
68) m/p-Xylenes	11.62	106	562064	104.81	ug/l	97
69) o-Xylene	11.95	106	272140	52.94	ug/l	97
70) Styrene	11.96	104	442683	53.78	ug/l	98
71) Bromoform	12.12	173	96290	56.55	ug/l #	98
73) Isopropylbenzene	12.25	105	749264	50.61	ug/l	99
74) N-amyl acetate	12.07	43	260169	49.34	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171576	47.95	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	153710m	49.20	ug/l	
77) Bromobenzene	12.53	156	169262	49.14	ug/l	98
78) n-propylbenzene	12.59	91	884857	51.11	ug/l	99
79) 2-Chlorotoluene	12.67	91	517155	51.13	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	615809	52.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45491	47.23	ug/l	91
82) 4-Chlorotoluene	12.77	91	526030	50.76	ug/l	96
83) tert-Butylbenzene	12.99	119	531627	51.15	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	627934	53.13	ug/l	97
85) sec-Butylbenzene	13.17	105	740256	52.29	ug/l	100
86) p-Isopropyltoluene	13.29	119	623799	52.01	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	306655	50.13	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	305458	50.22	ug/l	98
89) n-Butylbenzene	13.61	91	563847	54.74	ug/l	99
90) Hexachloroethane	13.87	117	106913	50.33	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	296609	50.05	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28683	54.35	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139847	50.68	ug/l	99
94) Hexachlorobutadiene	15.01	225	71066	52.39	ug/l	99
95) Naphthalene	15.13	128	318527	48.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	128471	57.05	ug/l	98

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

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