

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052376.D
 Acq On : 19 Nov 2018 10:18
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 11:39:07 AM

Quant Time: Nov 20 07:17:14 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	7.66	168	241785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	391886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	359155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	168832	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.59	113	132805	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
50) Toluene-d8	10.09	98	505687	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	177259	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	129773	50.65	ug/l	98
3) Chloromethane	2.06	50	168353	47.28	ug/l	97
4) Vinyl Chloride	2.19	62	149694	48.64	ug/l	98
5) Bromomethane	2.55	94	81716	42.59	ug/l	97
6) Chloroethane	2.70	64	89773	51.59	ug/l	99
7) Trichlorofluoromethane	3.02	101	217021	50.96	ug/l	97
8) Diethyl Ether	3.42	74	76995	47.43	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	133988	49.82	ug/l	99
10) Methyl Iodide	3.96	142	135079	37.40	ug/l	96
11) Tert butyl alcohol	4.78	59	35699	197.95	ug/l	98
12) 1,1-Dichloroethene	3.74	96	116684	46.88	ug/l	97
13) Acrolein	3.61	56	44734	171.90	ug/l	98
14) Allyl chloride	4.33	41	254609	49.82	ug/l	96
15) Acrylonitrile	4.99	53	235572	228.76	ug/l	99
16) Acetone	3.82	43	231354	246.06	ug/l	95
17) Carbon Disulfide	4.06	76	367080	51.43	ug/l	98
18) Methyl Acetate	4.33	43	115518	43.90	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	346963	48.51	ug/l	98
20) Methylene Chloride	4.56	84	139624	48.79	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	125839	46.96	ug/l	97
22) Diisopropyl ether	5.95	45	518826	49.75	ug/l	99
23) Vinyl Acetate	5.90	43	1555161	219.85	ug/l	99
24) 1,1-Dichloroethane	5.85	63	267714	47.88	ug/l	98
25) 2-Butanone	6.83	43	313868	237.16	ug/l	97
26) 2,2-Dichloropropane	6.83	77	198208	48.21	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	148335	47.55	ug/l	96
28) Bromochloromethane	7.19	49	139476	48.51	ug/l	97
29) Tetrahydrofuran	7.21	42	196130	225.59	ug/l	99
30) Chloroform	7.37	83	262238	49.21	ug/l	96
31) Cyclohexane	7.65	56	251833	48.48	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	222380	48.99	ug/l	97
36) 1,1-Dichloropropene	7.79	75	203060	51.70	ug/l	99
37) Ethyl Acetate	6.93	43	124957	43.83	ug/l #	96
38) Carbon Tetrachloride	7.77	117	199771	55.36	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	235457	52.51	ug/l	99
40) Benzene	8.04	78	566418	50.48	ug/l	98
41) Methacrylonitrile	7.17	41	69500	44.35	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	208133	52.02	ug/l	99
43) Isopropyl Acetate	8.16	43	227626	41.38	ug/l	99
44) Trichloroethene	8.83	130	140201	50.72	ug/l	100
45) 1,2-Dichloropropane	9.12	63	159597	50.12	ug/l	100
46) Dibromomethane	9.21	93	90729	49.22	ug/l	97
47) Bromodichloromethane	9.40	83	207300	54.80	ug/l	97
48) Methyl methacrylate	9.20	41	117439	42.08	ug/l	97
49) 1,4-Dioxane	9.20	88	20495	956.53	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	660484	238.54	ug/l	100
52) Toluene	10.15	92	348847	51.97	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	195989	51.37	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	230461	52.99	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	118445	48.67	ug/l	97
56) Ethyl methacrylate	10.43	69	138191	43.18	ug/l	96
57) 1,3-Dichloropropane	10.71	76	215089	49.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	458249	251.51	ug/l	99
59) 2-Hexanone	10.75	43	459619	241.33	ug/l	99
60) Dibromochloromethane	10.90	129	140419	53.33	ug/l	98
61) 1,2-Dibromoethane	11.00	107	115835	47.79	ug/l	96
64) Tetrachloroethene	10.63	164	125529	49.16	ug/l	99
65) Chlorobenzene	11.43	112	381220	50.22	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	134929	52.12	ug/l	100
67) Ethyl Benzene	11.51	91	695208	52.76	ug/l	100
68) m/p-Xylenes	11.62	106	521455	108.31	ug/l	100
69) o-Xylene	11.94	106	250068	54.19	ug/l	98
70) Styrene	11.96	104	409561	55.43	ug/l	99
71) Bromoform	12.12	173	86164	56.37	ug/l #	97
73) Isopropylbenzene	12.25	105	685680	49.37	ug/l	99
74) N-amyl acetate	12.07	43	192974	39.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	147349	43.89	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	127297m	43.43	ug/l	
77) Bromobenzene	12.52	156	153726	47.57	ug/l	99
78) n-propylbenzene	12.59	91	829287	51.06	ug/l	100
79) 2-Chlorotoluene	12.67	91	470782	49.61	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	577523	52.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40532	44.85	ug/l	94
82) 4-Chlorotoluene	12.77	91	492958	50.71	ug/l	98
83) tert-Butylbenzene	12.99	119	504106	51.70	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	586082	52.86	ug/l	100
85) sec-Butylbenzene	13.17	105	703667	52.98	ug/l	99
86) p-Isopropyltoluene	13.28	119	606167	53.87	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	291903	50.86	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	286339	50.18	ug/l	99
89) n-Butylbenzene	13.61	91	553864	57.31	ug/l	99
90) Hexachloroethane	13.87	117	106936	53.66	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	277177	49.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	23513	47.49	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	124046	48.04	ug/l	100
94) Hexachlorobutadiene	15.01	225	75440	59.28	ug/l	100
95) Naphthalene	15.13	128	260889	43.05	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	107746	51.00	ug/l	99

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

