

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051909.D
 Acq On : 18 Oct 2018 11:53
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 4:37:53 PM

Quant Time: Oct 19 06:54:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1169626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1700968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1565654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	794954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	525687	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.59	113	540850	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.09	98	1954460	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	679808	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	324314	45.83	ug/l	99
3) Chloromethane	2.06	50	318949	46.13	ug/l	99
4) Vinyl Chloride	2.18	62	480284	45.99	ug/l	99
5) Bromomethane	2.56	94	447612	52.08	ug/l	98
6) Chloroethane	2.70	64	368712	48.65	ug/l	100
7) Trichlorofluoromethane	3.01	101	813945	50.57	ug/l	97
8) Diethyl Ether	3.41	74	232359	49.28	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	476408	51.59	ug/l	100
10) Methyl Iodide	3.95	142	594127	48.94	ug/l	100
11) Tert butyl alcohol	4.79	59	148430	234.27	ug/l	100
12) 1,1-Dichloroethene	3.74	96	416561	49.49	ug/l	98
13) Acrolein	3.61	56	85500	187.75	ug/l	100
14) Allyl chloride	4.32	41	473666	51.96	ug/l	99
15) Acrylonitrile	4.99	53	575860	248.92	ug/l	98
16) Acetone	3.82	43	481946	251.01	ug/l	100
17) Carbon Disulfide	4.05	76	1000361	47.67	ug/l	99
18) Methyl Acetate	4.33	43	285231	49.99	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1207771	49.79	ug/l	100
20) Methylene Chloride	4.55	84	469875	48.14	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	476212	49.23	ug/l	99
22) Diisopropyl ether	5.95	45	1074221	50.56	ug/l	98
23) Vinyl Acetate	5.90	43	3724596	254.62	ug/l	99
24) 1,1-Dichloroethane	5.85	63	760916	49.45	ug/l	99
25) 2-Butanone	6.84	43	691517	252.01	ug/l	99
26) 2,2-Dichloropropane	6.82	77	770488	52.95	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	569580	50.66	ug/l	99
28) Bromochloromethane	7.19	49	300693	48.12	ug/l	100
29) Tetrahydrofuran	7.21	42	408640	243.81	ug/l	98
30) Chloroform	7.37	83	937008	50.90	ug/l	96
31) Cyclohexane	7.65	56	636833	51.32	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	882405	51.39	ug/l	99
36) 1,1-Dichloropropene	7.79	75	662269	50.16	ug/l	99
37) Ethyl Acetate	6.93	43	302697	49.76	ug/l	99
38) Carbon Tetrachloride	7.77	117	804415	51.74	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	846437	51.78	ug/l	99
40) Benzene	8.04	78	1951135	50.59	ug/l	99
41) Methacrylonitrile	7.18	41	143677	47.91	ug/l #	85
42) 1,2-Dichloroethane	8.12	62	626017	50.67	ug/l	100
43) Isopropyl Acetate	8.16	43	591029	49.30	ug/l	98
44) Trichloroethene	8.83	130	628427	51.92	ug/l	100
45) 1,2-Dichloropropane	9.12	63	456379	51.17	ug/l	100
46) Dibromomethane	9.21	93	347540	51.13	ug/l	99
47) Bromodichloromethane	9.40	83	726396	53.32	ug/l	99
48) Methyl methacrylate	9.20	41	273337	51.29	ug/l	99
49) 1,4-Dioxane	9.20	88	97580	963.98	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1574676	256.22	ug/l	99
52) Toluene	10.16	92	1356492	52.58	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	702657	54.42	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	770183	53.50	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	494449	52.30	ug/l	99
56) Ethyl methacrylate	10.43	69	550017	52.04	ug/l	99
57) 1,3-Dichloropropane	10.71	76	748019	51.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1118320	230.09	ug/l	100
59) 2-Hexanone	10.75	43	1073662	260.54	ug/l	99
60) Dibromochloromethane	10.90	129	613571	48.49	ug/l	100
61) 1,2-Dibromoethane	11.00	107	524094	52.86	ug/l	99
64) Tetrachloroethene	10.63	164	629978	50.13	ug/l	99
65) Chlorobenzene	11.43	112	1593907	50.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	617115	52.96	ug/l	99
67) Ethyl Benzene	11.51	91	2666128	51.99	ug/l	100
68) m/p-Xylenes	11.62	106	2193651	106.54	ug/l	100
69) o-Xylene	11.95	106	1073320	53.49	ug/l	100
70) Styrene	11.96	104	1686518	54.64	ug/l	100
71) Bromoform	12.13	173	409623	46.94	ug/l #	98
73) Isopropylbenzene	12.25	105	2893814	47.02	ug/l	100
74) N-amyl acetate	12.07	43	504179	47.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	572849	46.06	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	450367m	46.61	ug/l	
77) Bromobenzene	12.53	156	739346	47.21	ug/l	99
78) n-propylbenzene	12.59	91	3152831	49.22	ug/l	100
79) 2-Chlorotoluene	12.67	91	1833998	54.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2433335	48.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	144007	49.10	ug/l	98
82) 4-Chlorotoluene	12.77	91	1853527	49.51	ug/l	99
83) tert-Butylbenzene	12.99	119	2219384	47.48	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2461222	50.32	ug/l	100
85) sec-Butylbenzene	13.17	105	2992101	50.35	ug/l	100
86) p-Isopropyltoluene	13.29	119	2713425	52.68	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1361195	51.57	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1327503	51.18	ug/l	98
89) n-Butylbenzene	13.62	91	2081776	55.72	ug/l	100
90) Hexachloroethane	13.87	117	447495	51.95	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1318662	51.59	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	85151	51.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	607279	47.36	ug/l	99
94) Hexachlorobutadiene	15.01	225	416663	51.48	ug/l	99
95) Naphthalene	15.13	128	1160561	45.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	589615	47.72	ug/l	98

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

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