

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053099.D
 Acq On : 21 Dec 2018 13:21
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 10:06:26 AM

Quant Time: Dec 22 01:25:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1183779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1741244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1574917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	771748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	655020	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
35) Dibromofluoromethane	7.59	113	523941	65.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.74%	
50) Toluene-d8	10.09	98	2326369	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
62) 4-Bromofluorobenzene	12.40	95	841513	56.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	488101	40.740	ug/l	99
3) Chloromethane	2.06	50	580976	40.017	ug/l	99
4) Vinyl Chloride	2.19	62	589851	40.116	ug/l	100
5) Bromomethane	2.57	94	362879	35.622	ug/l	99
6) Chloroethane	2.71	64	352919	40.527	ug/l	97
7) Trichlorofluoromethane	3.02	101	765019	41.766	ug/l	100
8) Diethyl Ether	3.41	74	302170	43.729	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	498436	42.679	ug/l	98
10) Methyl Iodide	3.96	142	629225	38.366	ug/l	99
11) Tert butyl alcohol	4.78	59	192626	262.794	ug/l	98
12) 1,1-Dichloroethene	3.74	96	465641	41.269	ug/l	98
13) Acrolein	3.61	56	179910	270.690	ug/l	100
14) Allyl chloride	4.33	41	726515	41.570	ug/l	98
15) Acrylonitrile	4.99	53	959985	235.744	ug/l	99
16) Acetone	3.82	43	581273	246.784	ug/l	96
17) Carbon Disulfide	4.06	76	1317342	35.801	ug/l	99
18) Methyl Acetate	4.33	43	506211	47.404	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1359450	45.024	ug/l	99
20) Methylene Chloride	4.55	84	533690	41.538	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	502054	41.415	ug/l	97
22) Diisopropyl ether	5.95	45	1637609	43.898	ug/l	98
23) Vinyl Acetate	5.90	43	5016190	233.840	ug/l	98
24) 1,1-Dichloroethane	5.85	63	938315	42.328	ug/l	99
25) 2-Butanone	6.83	43	1028113	260.089	ug/l	98
26) 2,2-Dichloropropane	6.83	77	710319	41.976	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	576382	41.998	ug/l	99
28) Bromochloromethane	7.20	49	461566	48.052	ug/l	95
29) Tetrahydrofuran	7.21	42	723757	245.149	ug/l	97
30) Chloroform	7.37	83	921770	42.329	ug/l	99
31) Cyclohexane	7.66	56	869674	41.655	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	771068	41.566	ug/l	99
36) 1,1-Dichloropropene	7.80	75	717452	42.928	ug/l	99
37) Ethyl Acetate	6.93	43	478969	51.337	ug/l	99
38) Carbon Tetrachloride	7.78	117	660625	43.125	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	864571	42.584	ug/l	98
40) Benzene	8.04	78	2149315	43.235	ug/l	99
41) Methacrylonitrile	7.17	41	275739	51.150	ug/l	93
42) 1,2-Dichloroethane	8.13	62	647838	44.113	ug/l	98
43) Isopropyl Acetate	8.17	43	868265	48.049	ug/l	99
44) Trichloroethene	8.84	130	595034	41.383	ug/l	99
45) 1,2-Dichloropropane	9.12	63	570452	44.055	ug/l	99
46) Dibromomethane	9.21	93	336984	44.674	ug/l	98
47) Bromodichloromethane	9.40	83	708565	44.191	ug/l	99
48) Methyl methacrylate	9.20	41	434881	48.034	ug/l	97
49) 1,4-Dioxane	9.20	88	115283	1006.634	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2345972	259.644	ug/l	99
52) Toluene	10.16	92	1344875	43.646	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	742158	44.017	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	849156	43.877	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	494005	45.955	ug/l	98
56) Ethyl methacrylate	10.43	69	691982	48.634	ug/l	97
57) 1,3-Dichloropropane	10.71	76	836304	45.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1335512	170.973	ug/l	98
59) 2-Hexanone	10.75	43	1627367	266.207	ug/l	99
60) Dibromochloromethane	10.90	129	546461	44.410	ug/l	99
61) 1,2-Dibromoethane	11.01	107	496960	45.520	ug/l	100
64) Tetrachloroethene	10.63	164	651686	38.200	ug/l	99
65) Chlorobenzene	11.44	112	1488589	42.639	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	520926	42.909	ug/l	100
67) Ethyl Benzene	11.51	91	2593250	43.193	ug/l	100
68) m/p-Xylenes	11.62	106	1973898	86.483	ug/l	99
69) o-Xylene	11.95	106	964675	44.046	ug/l	99
70) Styrene	11.96	104	1599930	44.800	ug/l	100
71) Bromoform	12.13	173	392504	44.753	ug/l #	100
73) Isopropylbenzene	12.25	105	2561168	42.416	ug/l	100
74) N-amyl acetate	12.07	43	803075	47.904	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	595683	50.285	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	528745m	40.699	ug/l	
77) Bromobenzene	12.53	156	665565	42.403	ug/l	100
78) n-propylbenzene	12.59	91	2929344	42.596	ug/l	100
79) 2-Chlorotoluene	12.68	91	1719830	40.346	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2066075	41.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	183401	45.500	ug/l	97
82) 4-Chlorotoluene	12.77	91	1781846	42.701	ug/l	100
83) tert-Butylbenzene	12.99	119	1803955	41.444	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2085322	42.147	ug/l	99
85) sec-Butylbenzene	13.17	105	2463621	41.844	ug/l	100
86) p-Isopropyltoluene	13.29	119	2148116	42.225	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1169755	42.108	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1162285	41.315	ug/l	100
89) n-Butylbenzene	13.62	91	1806406	41.273	ug/l	100
90) Hexachloroethane	13.88	117	334025	42.785	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	1121882	42.910	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	95628	46.687	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	571684	41.375	ug/l	100
94) Hexachlorobutadiene	15.01	225	354117	49.336	ug/l	99
95) Naphthalene	15.14	128	1267328	41.955	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	516852	41.522	ug/l	100

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

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