

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056127.D
 Acq On : 8 Jun 2019 3:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 11:26:15 AM

Quant Time: Jun 08 07:27:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	292943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	426422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	149713	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	133246	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	10.09	98	514907	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	177489	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	153965	47.856	ug/l	99
3) Chloromethane	2.06	50	165672	52.172	ug/l	100
4) Vinyl Chloride	2.18	62	165669	52.010	ug/l	99
5) Bromomethane	2.53	94	98292	48.849	ug/l	99
6) Chloroethane	2.68	64	92627	50.154	ug/l	99
7) Trichlorofluoromethane	3.00	101	197221	48.500	ug/l	99
8) Diethyl Ether	3.40	74	81001	48.438	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	123858	50.141	ug/l	99
10) Methyl Iodide	3.94	142	191569	48.801	ug/l	99
11) Tert butyl alcohol	4.82	59	129427	255.697	ug/l	100
12) 1,1-Dichloroethene	3.72	96	123575	50.250	ug/l	97
13) Acrolein	3.60	56	40173	275.187	ug/l	98
14) Allyl chloride	4.31	41	188734	48.602	ug/l	98
15) Acrylonitrile	4.99	53	359112	291.447	ug/l	99
16) Acetone	3.82	43	285425	205.175	ug/l	100
17) Carbon Disulfide	4.04	76	257342	43.704	ug/l	99
18) Methyl Acetate	4.33	43	161171	59.086	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	404217	51.566	ug/l	98
20) Methylene Chloride	4.54	84	147109	51.328	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	133214	50.557	ug/l	98
22) Diisopropyl ether	5.95	45	417299	51.986	ug/l	99
23) Vinyl Acetate	5.90	43	1672466	264.570	ug/l	100
24) 1,1-Dichloroethane	5.84	63	237120	51.210	ug/l	99
25) 2-Butanone	6.84	43	462104	262.910	ug/l	99
26) 2,2-Dichloropropane	6.82	77	117791	32.600	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	156909	50.660	ug/l	95
28) Bromochloromethane	7.19	49	116098	53.020	ug/l	99
29) Tetrahydrofuran	7.22	42	305992	281.638	ug/l	100
30) Chloroform	7.37	83	242133	51.982	ug/l	100
31) Cyclohexane	7.65	56	215215	46.629	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	197342	50.734	ug/l	99
36) 1,1-Dichloropropene	7.79	75	178322	48.634	ug/l	99
37) Ethyl Acetate	6.93	43	183324	56.193	ug/l	99
38) Carbon Tetrachloride	7.77	117	162282	48.006	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	213173	46.671	ug/l	98
40) Benzene	8.04	78	566103	50.834	ug/l	99
41) Methacrylonitrile	7.18	41	81207	54.101	ug/l	90
42) 1,2-Dichloroethane	8.12	62	179028	49.977	ug/l	99
43) Isopropyl Acetate	8.17	43	281787	53.302	ug/l #	92
44) Trichloroethene	8.83	130	166465	52.020	ug/l	97
45) 1,2-Dichloropropane	9.12	63	148803	52.166	ug/l	99
46) Dibromomethane	9.21	93	97345	52.187	ug/l	100
47) Bromodichloromethane	9.40	83	172177	50.929	ug/l	99
48) Methyl methacrylate	9.20	41	143846	55.617	ug/l	97
49) 1,4-Dioxane	9.20	88	61445	1100.439	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	931767	281.841	ug/l	99
52) Toluene	10.16	92	354884	51.212	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	172529	43.838	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	203116	49.983	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	146462	53.356	ug/l	99
56) Ethyl methacrylate	10.43	69	216853	54.151	ug/l	99
57) 1,3-Dichloropropane	10.71	76	238783	53.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	402089	253.048	ug/l	100
59) 2-Hexanone	10.75	43	652171	272.178	ug/l	99
60) Dibromochloromethane	10.90	129	141877	47.017	ug/l	98
61) 1,2-Dibromoethane	11.01	107	152806	54.453	ug/l	99
64) Tetrachloroethene	10.63	164	170745	50.234	ug/l	98
65) Chlorobenzene	11.43	112	386906	49.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	138315	51.259	ug/l	100
67) Ethyl Benzene	11.51	91	665819	48.998	ug/l	98
68) m/p-Xylenes	11.62	106	517705	99.730	ug/l	99
69) o-Xylene	11.95	106	254162	49.775	ug/l	99
70) Styrene	11.96	104	424107	52.274	ug/l	100
71) Bromoform	12.13	173	101092	44.918	ug/l #	100
73) Isopropylbenzene	12.25	105	667774	53.530	ug/l	100
74) N-amyl acetate	12.07	43	239443	51.162	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	202934	49.791	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	165168m	51.127	ug/l	
77) Bromobenzene	12.53	156	181206	48.207	ug/l	97
78) n-propylbenzene	12.59	91	712877	47.995	ug/l	100
79) 2-Chlorotoluene	12.67	91	437928	53.310	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	550988	46.676	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42087	43.385	ug/l	88
82) 4-Chlorotoluene	12.77	91	421031	48.452	ug/l	100
83) tert-Butylbenzene	12.99	119	490064	53.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	537188	47.987	ug/l	99
85) sec-Butylbenzene	13.17	105	625165	47.527	ug/l	100
86) p-Isopropyltoluene	13.29	119	560016	47.571	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	287477	49.414	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	273819	48.928	ug/l	99
89) n-Butylbenzene	13.61	91	414484	47.529	ug/l	99
90) Hexachloroethane	13.87	117	83247	46.891	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	285025	48.526	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30987	53.155	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	133417	41.969	ug/l	100
94) Hexachlorobutadiene	15.01	225	101107	50.197	ug/l	99
95) Naphthalene	15.13	128	366054	44.084	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	148237	45.246	ug/l	99

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

