

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056083.D
 Acq On : 7 Jun 2019 7:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 9:42:05 AM

Quant Time: Jun 07 09:24:19 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	283864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	435976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	151508	53.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.50%	
35) Dibromofluoromethane	7.59	113	137679	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	10.09	98	525970	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	179230	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	161074	51.639	ug/l	100
3) Chloromethane	2.06	50	175059	56.891	ug/l	98
4) Vinyl Chloride	2.18	62	170917	55.374	ug/l	99
5) Bromomethane	2.53	94	104778	53.738	ug/l	99
6) Chloroethane	2.68	64	98143	54.840	ug/l	100
7) Trichlorofluoromethane	3.00	101	203465	51.635	ug/l	98
8) Diethyl Ether	3.40	74	84391	52.079	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	125008	52.226	ug/l	100
10) Methyl Iodide	3.94	142	186276	48.971	ug/l	98
11) Tert butyl alcohol	4.81	59	136134	277.549	ug/l	99
12) 1,1-Dichloroethene	3.72	96	128605	53.968	ug/l	97
13) Acrolein	3.60	56	42018	297.032	ug/l	95
14) Allyl chloride	4.31	41	192642	51.195	ug/l	99
15) Acrylonitrile	4.99	53	363969	304.837	ug/l	99
16) Acetone	3.82	43	294502	218.471	ug/l	100
17) Carbon Disulfide	4.04	76	285370	50.015	ug/l	99
18) Methyl Acetate	4.32	43	163960	62.060	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	419523	55.230	ug/l	99
20) Methylene Chloride	4.54	84	151924	54.703	ug/l	95
21) trans-1,2-Dichloroethene	5.03	96	136786	53.573	ug/l	96
22) Diisopropyl ether	5.96	45	428141	55.042	ug/l	97
23) Vinyl Acetate	5.89	43	1714639	279.917	ug/l	99
24) 1,1-Dichloroethane	5.84	63	248063	55.286	ug/l	100
25) 2-Butanone	6.84	43	474647	278.684	ug/l	99
26) 2,2-Dichloropropane	6.82	77	102251	29.205	ug/l	94
27) cis-1,2-Dichloroethene	6.82	96	163051	54.327	ug/l	94
28) Bromochloromethane	7.19	49	116813	55.052	ug/l	98
29) Tetrahydrofuran	7.21	42	315323	299.509	ug/l	99
30) Chloroform	7.37	83	246742	54.666	ug/l	100
31) Cyclohexane	7.65	56	223165	49.898	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	204041	54.134	ug/l	99
36) 1,1-Dichloropropene	7.79	75	182413	48.659	ug/l	99
37) Ethyl Acetate	6.93	43	189655	56.859	ug/l	99
38) Carbon Tetrachloride	7.77	117	170600	49.361	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	219868	47.082	ug/l	99
40) Benzene	8.04	78	586937	51.549	ug/l	100
41) Methacrylonitrile	7.17	41	83467	54.388	ug/l	91
42) 1,2-Dichloroethane	8.12	62	184301	50.322	ug/l	99
43) Isopropyl Acetate	8.17	43	290570	53.759	ug/l #	93
44) Trichloroethene	8.83	130	162889	49.787	ug/l	100
45) 1,2-Dichloropropane	9.12	63	153041	52.476	ug/l	98
46) Dibromomethane	9.21	93	100171	52.525	ug/l	98
47) Bromodichloromethane	9.40	83	180592	52.247	ug/l	98
48) Methyl methacrylate	9.20	41	145392	54.983	ug/l	95
49) 1,4-Dioxane	9.20	88	65287	1143.624	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	945533	279.737	ug/l	99
52) Toluene	10.16	92	365680	51.613	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	174774	43.457	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	206872	49.792	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	148125	52.779	ug/l	99
56) Ethyl methacrylate	10.43	69	225909	55.176	ug/l	98
57) 1,3-Dichloropropane	10.71	76	240167	52.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	402363	247.987	ug/l	100
59) 2-Hexanone	10.75	43	666703	272.146	ug/l	99
60) Dibromochloromethane	10.90	129	147531	47.778	ug/l	98
61) 1,2-Dibromoethane	11.00	107	154667	53.908	ug/l	98
64) Tetrachloroethene	10.63	164	177329	52.147	ug/l	98
65) Chlorobenzene	11.43	112	396357	50.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	141800	52.526	ug/l	99
67) Ethyl Benzene	11.51	91	686935	50.528	ug/l	99
68) m/p-Xylenes	11.62	106	531555	102.351	ug/l	99
69) o-Xylene	11.95	106	259272	50.752	ug/l	100
70) Styrene	11.96	104	439048	54.091	ug/l	99
71) Bromoform	12.13	173	105745	46.839	ug/l #	99
73) Isopropylbenzene	12.25	105	681143	54.228	ug/l	100
74) N-amyl acetate	12.07	43	248508	52.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	211066	51.401	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	192057m	59.008	ug/l	
77) Bromobenzene	12.53	156	186094	49.140	ug/l	96
78) n-propylbenzene	12.59	91	735126	49.125	ug/l	100
79) 2-Chlorotoluene	12.67	91	450429	54.475	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	567144	47.687	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42086	43.062	ug/l	89
82) 4-Chlorotoluene	12.77	91	438820	50.124	ug/l	100
83) tert-Butylbenzene	12.99	119	498239	54.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	559530	49.612	ug/l	99
85) sec-Butylbenzene	13.17	105	640532	48.334	ug/l	100
86) p-Isopropyltoluene	13.29	119	578623	48.787	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	299437	51.088	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	288546	51.176	ug/l	99
89) n-Butylbenzene	13.61	91	432523	49.229	ug/l	100
90) Hexachloroethane	13.87	117	88860	49.680	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	300720	50.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32477	55.297	ug/l	95

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	148009	45.782	ug/l	99
94) Hexachlorobutadiene	15.01	225	103764	51.174	ug/l	99
95) Naphthalene	15.13	128	410501	48.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161326	48.632	ug/l	99

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

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 Operator : JC/SP
 Sample : VSTDC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample ID :
 VSTDC050EC

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