

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056722.D
 Acq On : 15 Jul 2019 19:09
 Operator : JC/SP
 Sample : K3817-06MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-2126MS

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:31:38 AM

Quant Time: Jul 16 05:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	333983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	516961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	472710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	222104	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	193654	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
35) Dibromofluoromethane	7.59	113	171461	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
50) Toluene-d8	10.09	98	662876	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.40	95	231649	55.28	ug/l	0.00
Spiked Amount			Recovery	=	110.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	148091	47.222	ug/l	100
3) Chloromethane	2.06	50	194674	46.172	ug/l	100
4) Vinyl Chloride	2.18	62	193307	47.610	ug/l	99
5) Bromomethane	2.56	94	118275	49.536	ug/l	95
6) Chloroethane	2.70	64	109365	46.224	ug/l	99
7) Trichlorofluoromethane	3.01	101	250914	48.161	ug/l	99
8) Diethyl Ether	3.41	74	98627	48.556	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	153486	49.036	ug/l	100
10) Methyl Iodide	3.95	142	208090	49.703	ug/l	100
11) Tert butyl alcohol	4.79	59	135061	219.641	ug/l	100
12) 1,1-Dichloroethene	3.74	96	155072	49.392	ug/l	98
13) Acrolein	3.61	56	52415	249.583	ug/l	100
14) Allyl chloride	4.32	41	262908	48.421	ug/l	98
15) Acrylonitrile	4.99	53	438500	246.932	ug/l	99
16) Acetone	3.82	43	338529	198.850	ug/l	99
17) Carbon Disulfide	4.05	76	404541	48.759	ug/l	100
18) Methyl Acetate	4.33	43	171123	44.651	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	494491	49.431	ug/l	100
20) Methylene Chloride	4.55	84	181763	48.856	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	166959	50.308	ug/l	98
22) Diisopropyl ether	5.95	45	538902	50.284	ug/l	97
23) Vinyl Acetate	5.90	43	2142521	246.701	ug/l	99
24) 1,1-Dichloroethane	5.85	63	309968	49.885	ug/l	99
25) 2-Butanone	6.84	43	571969	229.802	ug/l	99
26) 2,2-Dichloropropane	6.83	77	207135	46.233	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	195454	51.182	ug/l	99
28) Bromochloromethane	7.19	49	147469	50.477	ug/l	100
29) Tetrahydrofuran	7.21	42	400052	246.432	ug/l	98
30) Chloroform	7.37	83	302440	48.640	ug/l	98
31) Cyclohexane	7.65	56	289217	48.972	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	249395	50.717	ug/l	100
36) 1,1-Dichloropropene	7.79	75	232198	48.539	ug/l	99
37) Ethyl Acetate	6.93	43	227083	48.163	ug/l	100
38) Carbon Tetrachloride	7.78	117	218726	48.755	ug/l	99

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39) Methylcyclohexane	9.08	83	287544	48.680	ug/l	99
40) Benzene	8.04	78	718635	49.028	ug/l	99
41) Methacrylonitrile	7.18	41	107309m	51.814	ug/l	
42) 1,2-Dichloroethane	8.12	62	226585	48.912	ug/l	99
43) Isopropyl Acetate	8.17	43	358750	48.400	ug/l	100
44) Trichloroethene	8.84	130	193924	48.720	ug/l	98
45) 1,2-Dichloropropane	9.12	63	192872	49.520	ug/l	100
46) Dibromomethane	9.21	93	122508	50.757	ug/l	98
47) Bromodichloromethane	9.40	83	233325	50.872	ug/l	98
48) Methyl methacrylate	9.20	41	180155	50.258	ug/l	99
49) 1,4-Dioxane	9.20	88	55479	754.279	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1191037	248.095	ug/l	100
52) Toluene	10.16	92	439720	50.514	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	244001	50.991	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	278594	50.172	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	176824	48.430	ug/l	99
56) Ethyl methacrylate	10.43	69	274352	52.223	ug/l	99
57) 1,3-Dichloropropane	10.71	76	298076	49.986	ug/l	99
59) 2-Hexanone	10.75	43	854164	247.965	ug/l	99
60) Dibromochloromethane	10.90	129	186998	52.077	ug/l	99
61) 1,2-Dibromoethane	11.00	107	185640	51.162	ug/l	98
64) Tetrachloroethene	10.63	164	187693	46.024	ug/l	98
65) Chlorobenzene	11.43	112	469342	48.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	171742	48.258	ug/l	99
67) Ethyl Benzene	11.51	91	832677	49.020	ug/l	100
68) m/p-Xylenes	11.62	106	623693	98.246	ug/l	100
69) o-Xylene	11.95	106	302449	48.461	ug/l	99
70) Stvrene	11.96	104	513375	50.879	ug/l	99
71) Bromoform	12.13	173	139154	51.390	ug/l #	99
73) Isopropylbenzene	12.25	105	801201	44.739	ug/l	100
74) N-amyl acetate	12.07	43	285798	42.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	254842	49.108	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	224466m	46.208	ug/l	
77) Bromobenzene	12.53	156	211446	45.141	ug/l	98
78) n-propylbenzene	12.59	91	905230	45.531	ug/l	100
79) 2-Chlorotoluene	12.67	91	534750	48.628	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	673334	44.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	72096	45.835	ug/l	99
82) 4-Chlorotoluene	12.77	91	533781	45.749	ug/l	99
83) tert-Butylbenzene	12.99	119	573479	48.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	675375	45.548	ug/l	99
85) sec-Butylbenzene	13.17	105	765462	45.386	ug/l	100
86) p-Isopropyltoluene	13.29	119	695054	45.492	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	351331	45.767	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	342797	45.908	ug/l	99
89) n-Butylbenzene	13.61	91	591943	48.098	ug/l	100
90) Hexachloroethane	13.87	117	111443	45.105	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	350291	44.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44806	46.658	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	189047	44.059	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	111249	44.971	ug/l	100
95) Naphthalene	15.13	128	502293	42.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	192372	45.025	ug/l	98

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

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