

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062404.D
 Acq On : 8 Jul 2020 13:09
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN070820

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:52:37 AM

Quant Time: Jul 09 02:30:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	214272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153323	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	147176	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
35) Dibromofluoromethane	7.55	113	104011	46.54	ug/l	0.00
Spiked Amount			Recovery	=	93.08%	
50) Toluene-d8	10.06	98	415802	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.37	95	153908	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	114426	52.427	ug/l	98
3) Chloromethane	2.04	50	173640	49.582	ug/l	99
4) Vinyl Chloride	2.16	62	145650	50.764	ug/l	98
5) Bromomethane	2.52	94	80059	51.955	ug/l	95
6) Chloroethane	2.66	64	86468	51.743	ug/l	97
7) Trichlorofluoromethane	2.98	101	191323	52.504	ug/l	100
8) Diethyl Ether	3.37	74	84903	52.106	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	114801	53.145	ug/l	99
10) Methyl Iodide	3.91	142	143218	50.212	ug/l	100
11) Tert butyl alcohol	4.73	59	128397	234.853	ug/l	98
12) 1,1-Dichloroethene	3.70	96	112805	51.292	ug/l	100
13) Acrolein	3.56	56	91237	231.339	ug/l	99
14) Allyl chloride	4.27	41	268575	51.924	ug/l	99
15) Acrylonitrile	4.93	53	374879	261.451	ug/l	100
16) Acetone	3.77	43	393952	281.547	ug/l	100
17) Carbon Disulfide	4.01	76	348800	50.613	ug/l	100
18) Methyl Acetate	4.27	43	172598	49.428	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	431939	51.802	ug/l	99
20) Methylene Chloride	4.50	84	140487	46.959	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	124032	52.057	ug/l	96
22) Diisopropyl ether	5.90	45	538508	52.696	ug/l	96
23) Vinyl Acetate	5.84	43	2255337	266.420	ug/l	99
24) 1,1-Dichloroethane	5.80	63	272909	51.681	ug/l	99
25) 2-Butanone	6.78	43	547040	267.697	ug/l	100
26) 2,2-Dichloropropane	6.77	77	215183	53.146	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	143973	52.169	ug/l	99
28) Bromochloromethane	7.15	49	138748	48.362	ug/l	100
29) Tetrahydrofuran	7.17	42	355076	258.087	ug/l	98
30) Chloroform	7.33	83	249860	52.405	ug/l	98
31) Cyclohexane	7.61	56	246461	49.233	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	202609	51.087	ug/l	99
36) 1,1-Dichloropropene	7.75	75	191159	52.475	ug/l	99
37) Ethyl Acetate	6.88	43	215422	50.573	ug/l	100
38) Carbon Tetrachloride	7.73	117	173203	52.885	ug/l	99

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39) Methylcyclohexane	9.05	83	219705	56.492	ug/l	98
40) Benzene	8.00	78	568745	52.974	ug/l	99
41) Methacrylonitrile	7.13	41	95539m	53.682	ug/l	
42) 1,2-Dichloroethane	8.09	62	212242	53.989	ug/l	100
43) Isopropyl Acetate	8.12	43	361159	53.671	ug/l	99
44) Trichloroethene	8.80	130	128297	53.859	ug/l	99
45) 1,2-Dichloropropane	9.09	63	165530	53.110	ug/l	100
46) Dibromomethane	9.18	93	93981	53.434	ug/l	98
47) Bromodichloromethane	9.37	83	202755	53.919	ug/l	100
48) Methyl methacrylate	9.17	41	178197	53.986	ug/l	99
49) 1,4-Dioxane	9.17	88	50017	1041.070	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1088367	270.796	ug/l	100
52) Toluene	10.12	92	337556	54.432	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	235303	55.853	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	256630	55.210	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	131614	53.961	ug/l	96
56) Ethyl methacrylate	10.40	69	229581	51.107	ug/l	99
57) 1,3-Dichloropropane	10.68	76	243446	54.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	373712	258.267	ug/l	99
59) 2-Hexanone	10.72	43	812353	278.415	ug/l	99
60) Dibromochloromethane	10.87	129	143360	54.208	ug/l	100
61) 1,2-Dibromoethane	10.98	107	133879	54.375	ug/l	98
64) Tetrachloroethene	10.60	164	104019	52.184	ug/l	98
65) Chlorobenzene	11.41	112	347912	53.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	128312	53.296	ug/l	100
67) Ethyl Benzene	11.48	91	660454	53.894	ug/l	100
68) m/p-Xylenes	11.59	106	471235	108.623	ug/l	99
69) o-Xylene	11.92	106	228226	54.032	ug/l	99
70) Styrene	11.94	104	389349	55.774	ug/l	99
71) Bromoform	12.10	173	97537	55.265	ug/l #	100
73) Isopropylbenzene	12.22	105	616358	51.950	ug/l	100
74) N-amyl acetate	12.04	43	321606	55.692	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	200418	50.239	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	176010m	46.786	ug/l	
77) Bromobenzene	12.50	156	140209	51.982	ug/l	97
78) n-propylbenzene	12.56	91	739554	53.363	ug/l	100
79) 2-Chlorotoluene	12.65	91	436740	51.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	517741	53.231	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	73381	52.209	ug/l	99
82) 4-Chlorotoluene	12.75	91	457034	53.521	ug/l	100
83) tert-Butylbenzene	12.97	119	420422	50.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	513880	53.154	ug/l	100
85) sec-Butylbenzene	13.15	105	582638	53.270	ug/l	100
86) p-Isopropyltoluene	13.26	119	513253	54.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	251793	54.112	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	250110	52.238	ug/l	99
89) n-Butylbenzene	13.59	91	462564	55.496	ug/l	100
90) Hexachloroethane	13.85	117	97606	52.563	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	242682	53.941	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	37514	51.530	ug/l	100

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93) 1,2,4-Trichlorobenzene	14.88	180	124203	57.117	ug/l	97
94) Hexachlorobutadiene	14.98	225	67009	56.096	ug/l	98
95) Naphthalene	15.10	128	321186	54.268	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122892	50.682	ug/l	99

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

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