

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061424.D
 Acq On : 15 May 2020 22:56
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

Quant Time: May 16 03:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 03:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	341272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154711	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	7.55	113	97362	57.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.16%	
50) Toluene-d8	10.06	98	458789	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.38	95	169890	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	91808	62.403	ug/l	99
3) Chloromethane	2.03	50	139178	46.717	ug/l	98
4) Vinyl Chloride	2.16	62	214898	46.702	ug/l	100
5) Bromomethane	2.54	94	116831	46.318	ug/l	98
6) Chloroethane	2.67	64	140885	49.306	ug/l	99
7) Trichlorofluoromethane	2.98	101	300043	65.846	ug/l	98
8) Diethyl Ether	3.37	74	65619	53.605	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	94810	55.156	ug/l	99
10) Methyl Iodide	3.91	142	122883	56.640	ug/l	99
11) Tert butyl alcohol	4.73	59	61121	339.761	ug/l	99
12) 1,1-Dichloroethene	3.69	96	100769	53.958	ug/l	99
13) Acrolein	3.56	56	62631	285.382	ug/l	100
14) Allyl chloride	4.27	41	167696	50.909	ug/l	99
15) Acrylonitrile	4.93	53	251902	280.003	ug/l	100
16) Acetone	3.78	43	170636	287.451	ug/l	98
17) Carbon Disulfide	4.01	76	245647	50.874	ug/l	99
18) Methyl Acetate	4.27	43	101798	53.033	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	380078	52.011	ug/l	99
20) Methylene Chloride	4.50	84	118899	52.995	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	118381	52.542	ug/l	100
22) Diisopropyl ether	5.90	45	374334	50.491	ug/l	99
23) Vinyl Acetate	5.84	43	1558623	257.823	ug/l	99
24) 1,1-Dichloroethane	5.80	63	215989	51.187	ug/l	98
25) 2-Butanone	6.79	43	304037	263.048	ug/l	100
26) 2,2-Dichloropropane	6.78	77	171237	48.456	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	137349	52.413	ug/l	99
28) Bromochloromethane	7.15	49	96420	51.586	ug/l	97
29) Tetrahydrofuran	7.17	42	213392	269.374	ug/l	98
30) Chloroform	7.33	83	226220	51.272	ug/l	97
31) Cyclohexane	7.61	56	200611	48.106	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	206059	52.412	ug/l	99
36) 1,1-Dichloropropene	7.75	75	172830	50.762	ug/l	99
37) Ethyl Acetate	6.88	43	142705	50.496	ug/l	97
38) Carbon Tetrachloride	7.73	117	159075	54.946	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	207223	50.985	ug/l	99
40) Benzene	8.00	78	509766	50.841	ug/l	98
41) Methacrylonitrile	7.12	41	65828	49.169	ug/l	86
42) 1,2-Dichloroethane	8.09	62	187898	51.990	ug/l	100
43) Isopropyl Acetate	8.13	43	269658	49.026	ug/l	98
44) Trichloroethene	8.80	130	131376	50.810	ug/l	100
45) 1,2-Dichloropropane	9.09	63	128492	50.668	ug/l	96
46) Dibromomethane	9.18	93	88379	52.006	ug/l	98
47) Bromodichloromethane	9.37	83	187144	51.012	ug/l	100
48) Methyl methacrylate	9.17	41	122518	49.202	ug/l	98
49) 1,4-Dioxane	9.17	88	24522	1804.642	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	745424	252.544	ug/l	99
52) Toluene	10.13	92	330054	51.814	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	208671	51.900	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	215007	50.628	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	124181	52.583	ug/l	98
56) Ethyl methacrylate	10.40	69	201746	51.942	ug/l	98
57) 1,3-Dichloropropane	10.68	76	216494	52.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	433016	262.911	ug/l	99
59) 2-Hexanone	10.72	43	532098	265.206	ug/l	100
60) Dibromochloromethane	10.88	129	137007	52.401	ug/l	99
61) 1,2-Dibromoethane	10.98	107	130565	52.617	ug/l	100
64) Tetrachloroethene	10.60	164	127383	50.839	ug/l	99
65) Chlorobenzene	11.41	112	340771	51.354	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	122511	52.177	ug/l	99
67) Ethyl Benzene	11.49	91	638377	51.760	ug/l	100
68) m/p-Xylenes	11.60	106	482879	104.480	ug/l	98
69) o-Xylene	11.92	106	232290	51.825	ug/l	100
70) Styrene	11.94	104	402722	53.330	ug/l	100
71) Bromoform	12.10	173	89505	54.584	ug/l #	99
73) Isopropylbenzene	12.22	105	621340	50.707	ug/l	100
74) N-amyl acetate	12.05	43	246908	50.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	171372	49.098	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	154264m	48.702	ug/l	
77) Bromobenzene	12.50	156	135352	50.560	ug/l	99
78) n-propylbenzene	12.57	91	731367	51.096	ug/l	100
79) 2-Chlorotoluene	12.65	91	420210	50.025	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	527171	51.240	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	62897	52.355	ug/l	96
82) 4-Chlorotoluene	12.75	91	453118	51.350	ug/l	99
83) tert-Butylbenzene	12.97	119	436379	50.067	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	526692	51.375	ug/l	99
85) sec-Butylbenzene	13.15	105	604417	51.198	ug/l	100
86) p-Isopropyltoluene	13.26	119	542997	52.984	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	254547	52.357	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	252197	50.532	ug/l	99
89) n-Butylbenzene	13.59	91	494577	53.129	ug/l	100
90) Hexachloroethane	13.85	117	74424	53.256	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	245306	52.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	36710	54.552	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141093	55.557	ug/l	100
94) Hexachlorobutadiene	14.99	225	54363	56.450	ug/l	99
95) Naphthalene	15.10	128	471572	57.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	137588	54.226	ug/l	99

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

