

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062975.D
 Acq On : 17 Aug 2020 17:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 11:13:01 AM

Quant Time: Aug 18 06:37:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	257231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	356209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173157	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	125670	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
35) Dibromofluoromethane	7.54	113	113713	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.06	98	449731	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.38	95	161726	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	154892	53.724	ug/l	99
3) Chloromethane	2.03	50	137157	49.507	ug/l	99
4) Vinyl Chloride	2.16	62	147736	42.224	ug/l	99
5) Bromomethane	2.52	94	120682	48.669	ug/l	95
6) Chloroethane	2.66	64	118185	49.598	ug/l	97
7) Trichlorofluoromethane	2.98	101	240844	49.416	ug/l	99
8) Diethyl Ether	3.37	74	84257	56.398	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	102181	43.898	ug/l	98
10) Methyl Iodide	3.91	142	138323	46.616	ug/l	99
11) Tert butyl alcohol	4.74	59	107180	230.171	ug/l	99
12) 1,1-Dichloroethene	3.69	96	94160	42.613	ug/l	97
13) Acrolein	3.56	56	52111	186.528	ug/l	96
14) Allyl chloride	4.27	41	148528	43.533	ug/l	99
15) Acrylonitrile	4.93	53	291613	237.467	ug/l	97
16) Acetone	3.77	43	266316	252.414	ug/l	99
17) Carbon Disulfide	4.00	76	250493	39.505	ug/l	100
18) Methyl Acetate	4.27	43	125272	52.948	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	354857	49.163	ug/l	98
20) Methylene Chloride	4.50	84	115007	45.162	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	104230	45.033	ug/l	98
22) Diisopropyl ether	5.90	45	346421	46.989	ug/l	99
23) Vinyl Acetate	5.84	43	1178188	226.726	ug/l	99
24) 1,1-Dichloroethane	5.79	63	194399	45.100	ug/l	98
25) 2-Butanone	6.78	43	380445	250.193	ug/l	99
26) 2,2-Dichloropropane	6.77	77	166108	46.620	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126103	45.922	ug/l	100
28) Bromochloromethane	7.15	49	100997	48.604	ug/l	100
29) Tetrahydrofuran	7.17	42	245981	276.087	ug/l	100
30) Chloroform	7.33	83	202679	45.092	ug/l	99
31) Cyclohexane	7.61	56	193073	45.935	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	172657	46.278	ug/l	99
36) 1,1-Dichloropropene	7.75	75	143945	47.108	ug/l	99
37) Ethyl Acetate	6.88	43	134912	48.330	ug/l	99
38) Carbon Tetrachloride	7.73	117	152444	47.221	ug/l	98

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39) Methylcyclohexane	9.05	83	210221	51.841	ug/l	98
40) Benzene	8.00	78	457390	47.323	ug/l	100
41) Methacrylonitrile	7.12	41	63995	46.746	ug/l	89
42) 1,2-Dichloroethane	8.08	62	145987	46.016	ug/l	100
43) Isopropyl Acetate	8.12	43	220527	49.723	ug/l	99
44) Trichloroethene	8.80	130	123708	47.473	ug/l	99
45) 1,2-Dichloropropane	9.08	63	123916	46.014	ug/l	99
46) Dibromomethane	9.17	93	78761	46.975	ug/l	98
47) Bromodichloromethane	9.37	83	165487	48.662	ug/l	97
48) Methyl methacrylate	9.17	41	109354	50.407	ug/l	98
49) 1,4-Dioxane	9.17	88	51018	1111.911	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	758703	255.681	ug/l	99
52) Toluene	10.12	92	300711	49.248	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	187017	50.980	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	201503	50.888	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	125248	48.392	ug/l	98
56) Ethyl methacrylate	10.40	69	189341	47.386	ug/l	98
57) 1,3-Dichloropropane	10.68	76	201663	49.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	203858	265.855	ug/l	98
59) 2-Hexanone	10.72	43	573163	286.443	ug/l	100
60) Dibromochloromethane	10.87	129	144691	50.232	ug/l	98
61) 1,2-Dibromoethane	10.98	107	127084	48.099	ug/l	99
64) Tetrachloroethene	10.60	164	116268	50.355	ug/l	98
65) Chlorobenzene	11.41	112	337324	48.956	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	130426	48.736	ug/l	99
67) Ethyl Benzene	11.48	91	589103	50.749	ug/l	98
68) m/p-Xylenes	11.59	106	458443	104.585	ug/l	98
69) o-Xylene	11.92	106	220787	53.025	ug/l	99
70) Styrene	11.94	104	388877	53.847	ug/l	99
71) Bromoform	12.10	173	117380	52.473	ug/l #	99
73) Isopropylbenzene	12.22	105	614554	51.446	ug/l	100
74) N-amyl acetate	12.05	43	210687	51.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	191996	51.074	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	173847m	51.276	ug/l	
77) Bromobenzene	12.50	156	164726	47.829	ug/l	100
78) n-propylbenzene	12.57	91	692961	49.717	ug/l	99
79) 2-Chlorotoluene	12.65	91	404413	48.278	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	520627	51.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	67716	53.024	ug/l	99
82) 4-Chlorotoluene	12.75	91	423552	49.618	ug/l	99
83) tert-Butylbenzene	12.97	119	451924	52.141	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	512188	52.664	ug/l	99
85) sec-Butylbenzene	13.15	105	593405	52.021	ug/l	100
86) p-Isopropyltoluene	13.26	119	546774	53.866	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	286860	50.574	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	286303	48.976	ug/l	100
89) n-Butylbenzene	13.59	91	434153	52.659	ug/l	99
90) Hexachloroethane	13.85	117	100519	48.820	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	272131	49.642	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33644	51.781	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.88	180	149085	47.980	ug/l	99
94) Hexachlorobutadiene	14.98	225	102917	48.636	ug/l	99
95) Naphthalene	15.10	128	339054	53.476	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	144722	47.296	ug/l	98

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

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