

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063124.D
 Acq On : 25 Aug 2020 20:16
 Operator : JC/MD
 Sample : L3783-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MSD

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 11:27:19 AM

Quant Time: Aug 26 07:20:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	329521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	305210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152115	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	129189	53.17	ug/l	0.00
Spiked Amount						
			Recovery	=	106.34%	
35) Dibromofluoromethane	7.55	113	98753	45.99	ug/l	0.00
Spiked Amount						
			Recovery	=	91.98%	
50) Toluene-d8	10.06	98	413926	50.19	ug/l	0.00
Spiked Amount						
			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	152624	52.44	ug/l	0.00
Spiked Amount						
			Recovery	=	104.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	105768	39.551	ug/l	99
3) Chloromethane	2.03	50	143070	50.902	ug/l	100
4) Vinyl Chloride	2.16	62	137127	50.448	ug/l	98
5) Bromomethane	2.54	94	56176	34.819	ug/l	99
6) Chloroethane	2.67	64	82963	51.695	ug/l	99
7) Trichlorofluoromethane	2.99	101	137811	40.655	ug/l	98
8) Diethyl Ether	3.38	74	62092	51.778	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72039	39.439	ug/l	100
10) Methyl Iodide	3.91	142	86625	37.415	ug/l	99
11) Tert butyl alcohol	4.74	59	84431	245.344	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	87002	50.000	ug/l	97
13) Acrolein	3.57	56	3072	28.495	ug/l	88
14) Allyl chloride	4.28	41	126142	41.115	ug/l	96
15) Acrylonitrile	4.93	53	265676	262.662	ug/l	99
16) Acetone	3.78	43	225277	298.102	ug/l	99
17) Carbon Disulfide	4.01	76	192610	42.267	ug/l	97
18) Methyl Acetate	4.28	43	257516	106.658	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	341527	56.280	ug/l	99
20) Methylene Chloride	4.51	84	107661	50.269	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	89118	48.939	ug/l	97
22) Diisopropyl ether	5.91	45	379414	54.497	ug/l	97
23) Vinyl Acetate	5.85	43	1070080	227.767	ug/l	100
24) 1,1-Dichloroethane	5.80	63	197287	50.710	ug/l	99
25) 2-Butanone	6.79	43	331291	256.845	ug/l	99
26) 2,2-Dichloropropane	6.78	77	123513	40.368	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	115539	50.621	ug/l	97
28) Bromochloromethane	7.15	49	103386	50.788	ug/l	98
29) Tetrahydrofuran	7.17	42	216551	260.132	ug/l	99
30) Chloroform	7.33	83	195398	49.869	ug/l	98
31) Cyclohexane	7.62	56	148951	41.597	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	156174	48.822	ug/l	99
36) 1,1-Dichloropropene	7.75	75	129173	44.482	ug/l	99
37) Ethyl Acetate	6.88	43	116862	42.948	ug/l	99
38) Carbon Tetrachloride	7.74	117	113655	38.767	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	131518	34.060	ug/l	99
40) Benzene	8.00	78	423970	46.033	ug/l	100
41) Methacrylonitrile	7.13	41	64293	49.593	ug/l #	94
42) 1,2-Dichloroethane	8.09	62	144471	46.716	ug/l	99
43) Isopropyl Acetate	8.13	43	212993	47.249	ug/l	99
44) Trichloroethene	8.80	130	129532	56.540	ug/l	96
45) 1,2-Dichloropropane	9.09	63	125355	47.086	ug/l	98
46) Dibromomethane	9.18	93	72838	47.359	ug/l	98
47) Bromodichloromethane	9.37	83	156238	46.381	ug/l	99
48) Methyl methacrylate	9.17	41	112615	52.799	ug/l	95
49) 1,4-Dioxane	9.17	88	37551	803.118	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	715023	250.941	ug/l	100
52) Toluene	10.13	92	265059	47.707	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	166359	47.756	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	179371	46.939	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	115199	48.492	ug/l	99
56) Ethyl methacrylate	10.40	69	174321	47.597	ug/l	100
57) 1,3-Dichloropropane	10.68	76	190573	48.309	ug/l	99
59) 2-Hexanone	10.72	43	511823	257.521	ug/l	100
60) Dibromochloromethane	10.88	129	118161	44.944	ug/l	99
61) 1,2-Dibromoethane	10.98	107	111104	48.673	ug/l	100
64) Tetrachloroethene	10.61	164	153266	76.393	ug/l	98
65) Chlorobenzene	11.41	112	292752	47.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	100034	41.957	ug/l	99
67) Ethyl Benzene	11.49	91	518332	50.044	ug/l	100
68) m/p-Xylenes	11.60	106	387890	100.763	ug/l	99
69) o-Xylene	11.92	106	189689	51.314	ug/l	99
70) Stvrene	11.94	104	315687	43.302	ug/l	99
71) Bromoform	12.10	173	71237	37.538	ug/l #	99
73) Isopropylbenzene	12.23	105	503640	48.349	ug/l	99
74) N-amyl acetate	12.05	43	203381	54.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	143247	42.358	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	136474m	46.156	ug/l	
77) Bromobenzene	12.50	156	138994	48.516	ug/l	99
78) n-propylbenzene	12.57	91	581948	49.013	ug/l	99
79) 2-Chlorotoluene	12.65	91	354793	47.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	428930	49.811	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	49317	45.809	ug/l	99
82) 4-Chlorotoluene	12.75	91	371574	48.862	ug/l	99
83) tert-Butylbenzene	12.97	119	361534	48.644	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	443357	52.850	ug/l	100
85) sec-Butylbenzene	13.15	105	466876	46.480	ug/l	99
86) p-Isopropyltoluene	13.26	119	430228	49.157	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	240070	48.759	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	242959	48.617	ug/l	99
89) n-Butylbenzene	13.59	91	370422	44.951	ug/l	99
90) Hexachloroethane	13.85	117	34097	18.329	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	232019	48.784	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29285	55.822	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	136126	51.486	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	48863	27.803	ug/l	98
95) Naphthalene	15.10	128	408202	65.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	134377	51.838	ug/l	100

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

