

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063232.D
 Acq On : 3 Sep 2020 20:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 11:13:47 AM

Quant Time: Sep 04 05:37:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	355337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	659921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	617442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	285972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	277561	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.55	113	199869	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.06	98	783946	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	278215	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	144221	41.212	ug/l	99
3) Chloromethane	2.04	50	205313	40.291	ug/l	99
4) Vinyl Chloride	2.17	62	240291	42.689	ug/l	99
5) Bromomethane	2.53	94	212902	44.933	ug/l	99
6) Chloroethane	2.67	64	214906	48.018	ug/l	98
7) Trichlorofluoromethane	2.98	101	382036	49.129	ug/l	96
8) Diethyl Ether	3.37	74	116782	43.362	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175664	45.913	ug/l	98
10) Methyl Iodide	3.91	142	225777	43.267	ug/l	99
11) Tert butyl alcohol	4.73	59	161028	225.840	ug/l	100
12) 1,1-Dichloroethene	3.70	96	172263	44.186	ug/l	98
13) Acrolein	3.57	56	67271	247.951	ug/l	99
14) Allyl chloride	4.28	41	303323	43.808	ug/l	96
15) Acrylonitrile	4.93	53	461941	231.469	ug/l	98
16) Acetone	3.77	43	371466	224.960	ug/l	99
17) Carbon Disulfide	4.01	76	474002	40.848	ug/l	97
18) Methyl Acetate	4.28	43	237621	56.124	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	641609	44.363	ug/l	97
20) Methylene Chloride	4.51	84	211343	45.473	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	205096	47.617	ug/l	94
22) Diisopropyl ether	5.90	45	702577	45.281	ug/l	94
23) Vinyl Acetate	5.84	43	2868389	231.687	ug/l	100
24) 1,1-Dichloroethane	5.80	63	393183	45.967	ug/l	99
25) 2-Butanone	6.78	43	636366	248.891	ug/l	100
26) 2,2-Dichloropropane	6.78	77	300576	38.785	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	238305	45.519	ug/l	97
28) Bromochloromethane	7.15	49	202727	45.365	ug/l	98
29) Tetrahydrofuran	7.16	42	424689	240.220	ug/l	99
30) Chloroform	7.33	83	416010	46.486	ug/l	99
31) Cyclohexane	7.61	56	329879	43.537	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	363292	47.110	ug/l	99
36) 1,1-Dichloropropene	7.76	75	294699	46.452	ug/l	99
37) Ethyl Acetate	6.88	43	285568	47.687	ug/l #	95
38) Carbon Tetrachloride	7.73	117	305837	47.536	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	329229	46.194	ug/l	99
40) Benzene	8.00	78	904461	48.515	ug/l	99
41) Methacrylonitrile	7.13	41	134883m	50.468	ug/l	
42) 1,2-Dichloroethane	8.09	62	350080	50.270	ug/l	100
43) Isopropyl Acetate	8.13	43	512554	49.539	ug/l #	89
44) Trichloroethene	8.80	130	233586	51.655	ug/l	99
45) 1,2-Dichloropropane	9.08	63	236939	48.002	ug/l	98
46) Dibromomethane	9.17	93	165659	50.643	ug/l	99
47) Bromodichloromethane	9.37	83	341646	48.727	ug/l	98
48) Methyl methacrylate	9.17	41	232407	49.828	ug/l	95
49) 1,4-Dioxane	9.17	88	71976	997.715	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1510720	268.702	ug/l	100
52) Toluene	10.13	92	579293	49.881	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	361230	47.099	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	383285	47.609	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	229051	51.500	ug/l	96
56) Ethyl methacrylate	10.40	69	332989	49.196	ug/l	97
57) 1,3-Dichloropropane	10.68	76	391987	49.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	844332	240.892	ug/l	99
59) 2-Hexanone	10.72	43	1094948	277.113	ug/l	99
60) Dibromochloromethane	10.87	129	249711	50.784	ug/l	98
61) 1,2-Dibromoethane	10.98	107	237081	51.278	ug/l	98
64) Tetrachloroethene	10.60	164	237037	53.461	ug/l	98
65) Chlorobenzene	11.41	112	608257	48.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	231046	50.040	ug/l	100
67) Ethyl Benzene	11.49	91	1136195	50.082	ug/l	100
68) m/p-Xylenes	11.60	106	833433	99.189	ug/l	100
69) o-Xylene	11.92	106	400927	49.392	ug/l	97
70) Styrene	11.94	104	692097	49.612	ug/l	99
71) Bromoform	12.10	173	157298	50.200	ug/l #	99
73) Isopropylbenzene	12.23	105	1106090	50.429	ug/l	99
74) N-amyl acetate	12.05	43	447330	49.237	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	305712	48.345	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	298376m	53.104	ug/l	
77) Bromobenzene	12.50	156	242773	48.941	ug/l	97
78) n-propylbenzene	12.57	91	1277160	50.320	ug/l	100
79) 2-Chlorotoluene	12.65	91	734913	48.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	919289	50.353	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	101082	43.482	ug/l	96
82) 4-Chlorotoluene	12.75	91	774326	49.113	ug/l	99
83) tert-Butylbenzene	12.97	119	760772	48.588	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	925830	50.311	ug/l	99
85) sec-Butylbenzene	13.15	105	1046068	51.262	ug/l	99
86) p-Isopropyltoluene	13.26	119	928262	51.237	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	457733	50.230	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	456519	48.381	ug/l	99
89) n-Butylbenzene	13.59	91	835347	49.910	ug/l	99
90) Hexachloroethane	13.85	117	153652	45.815	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	452396	51.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65480	47.100	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	239104	48.396	ug/l	100
94) Hexachlorobutadiene	14.98	225	87444	47.379	ug/l	98
95) Naphthalene	15.11	128	794228	48.184	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	240472	49.959	ug/l	97

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

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