

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063182.D
 Acq On : 2 Sep 2020 9:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:28:40 AM

Quant Time: Sep 03 01:13:51 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	7.62	168	453134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	805545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	755261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	356877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	344114	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	7.55	113	255180	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.06	98	1021616	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.38	95	355103	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	206853	46.352	ug/l	98
3) Chloromethane	2.04	50	278869	42.915	ug/l	99
4) Vinyl Chloride	2.17	62	332905	46.378	ug/l	98
5) Bromomethane	2.54	94	298958	49.478	ug/l	98
6) Chloroethane	2.68	64	284744	49.891	ug/l	99
7) Trichlorofluoromethane	2.98	101	516604	52.349	ug/l	95
8) Diethyl Ether	3.37	74	156055	45.438	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	243795	49.968	ug/l	99
10) Methyl Iodide	3.91	142	292600	43.971	ug/l	100
11) Tert butyl alcohol	4.73	59	215656	237.178	ug/l	97
12) 1,1-Dichloroethene	3.70	96	239641	48.202	ug/l	96
13) Acrolein	3.58	56	25055	83.582	ug/l	100
14) Allyl chloride	4.27	41	425859	48.231	ug/l	96
15) Acrylonitrile	4.93	53	587016	230.667	ug/l	100
16) Acetone	3.77	43	602573	286.161	ug/l	99
17) Carbon Disulfide	4.01	76	670353	45.301	ug/l	100
18) Methyl Acetate	4.28	43	267513	49.547	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	875342	47.462	ug/l	97
20) Methylene Chloride	4.50	84	282918	47.760	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	273557	49.804	ug/l	91
22) Diisopropyl ether	5.90	45	954261	48.228	ug/l	95
23) Vinyl Acetate	5.84	43	3977476	251.933	ug/l	99
24) 1,1-Dichloroethane	5.80	63	526061	48.228	ug/l	99
25) 2-Butanone	6.78	43	879028	269.600	ug/l	100
26) 2,2-Dichloropropane	6.77	77	490425	49.624	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	321405	48.142	ug/l	100
28) Bromochloromethane	7.15	49	259668	45.566	ug/l	97
29) Tetrahydrofuran	7.16	42	549249	243.625	ug/l	99
30) Chloroform	7.33	83	558152	48.909	ug/l	96
31) Cyclohexane	7.61	56	463114	48.113	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	497024	50.542	ug/l	100
36) 1,1-Dichloropropene	7.75	75	415773	53.689	ug/l	99
37) Ethyl Acetate	6.88	43	369181	50.483	ug/l #	95
38) Carbon Tetrachloride	7.73	117	422954	53.855	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	474223	54.509	ug/l	99
40) Benzene	8.00	78	1217710	53.509	ug/l	99
41) Methacrylonitrile	7.13	41	186292	57.103	ug/l	94
42) 1,2-Dichloroethane	8.08	62	459112	54.008	ug/l	100
43) Isopropyl Acetate	8.12	43	674556	53.411	ug/l #	92
44) Trichloroethene	8.80	130	316552	57.348	ug/l	99
45) 1,2-Dichloropropane	9.08	63	311603	51.716	ug/l	96
46) Dibromomethane	9.17	93	214459	53.710	ug/l	98
47) Bromodichloromethane	9.37	83	456432	53.330	ug/l	100
48) Methyl methacrylate	9.16	41	306351	53.808	ug/l	97
49) 1,4-Dioxane	9.17	88	94358	1071.519	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1918969	279.612	ug/l	99
52) Toluene	10.12	92	783474	55.267	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	500189	53.428	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	526445	53.571	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	290483	53.505	ug/l	98
56) Ethyl methacrylate	10.40	69	442969	53.614	ug/l	99
57) 1,3-Dichloropropane	10.68	76	519703	53.734	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	920909	215.242	ug/l	99
59) 2-Hexanone	10.72	43	1452301	301.108	ug/l	99
60) Dibromochloromethane	10.87	129	335722	55.933	ug/l	99
61) 1,2-Dibromoethane	10.98	107	304095	53.882	ug/l	98
64) Tetrachloroethene	10.60	164	320726	59.136	ug/l	98
65) Chlorobenzene	11.41	112	804963	52.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	299890	53.098	ug/l	99
67) Ethyl Benzene	11.49	91	1526813	55.019	ug/l	98
68) m/p-Xylenes	11.60	106	1122529	109.216	ug/l	100
69) o-Xylene	11.92	106	532857	53.667	ug/l	97
70) Styrene	11.94	104	936519	54.883	ug/l	100
71) Bromoform	12.10	173	206645	53.914	ug/l #	98
73) Isopropylbenzene	12.23	105	1475701	53.913	ug/l	99
74) N-amyl acetate	12.05	43	591582	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	382099	48.419	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	343932m	49.050	ug/l	
77) Bromobenzene	12.50	156	326692	52.774	ug/l	95
78) n-propylbenzene	12.57	91	1752757	55.338	ug/l	99
79) 2-Chlorotoluene	12.65	91	993580	52.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1256002	55.128	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	139860	48.209	ug/l	96
82) 4-Chlorotoluene	12.75	91	1048496	53.290	ug/l	100
83) tert-Butylbenzene	12.97	119	1029131	52.669	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1270636	55.329	ug/l	97
85) sec-Butylbenzene	13.15	105	1427745	56.065	ug/l	100
86) p-Isopropyltoluene	13.26	119	1270652	56.201	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	618485	54.386	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	613529	52.103	ug/l	100
89) n-Butylbenzene	13.59	91	1198105	57.361	ug/l	99
90) Hexachloroethane	13.85	117	211187	50.460	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	604109	54.741	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	83808	48.306	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	338559	54.912	ug/l	99
94) Hexachlorobutadiene	14.98	225	124159	53.906	ug/l	99
95) Naphthalene	15.11	128	1063397	51.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	320668	53.384	ug/l	99

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

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