

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061268.D
 Acq On : 4 May 2020 10:44
 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
 5/5/2020 11:36:08 AM

Quant Time: May 05 03:56:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	125805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	210530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	197581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96843	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	100001	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
35) Dibromofluoromethane	7.54	113	58322	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	10.06	98	270965	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.37	95	102395	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	70301	52.697	ug/l	99
3) Chloromethane	2.03	50	96202	59.541	ug/l	99
4) Vinyl Chloride	2.16	62	103937	56.637	ug/l	100
5) Bromomethane	2.53	94	43833	48.321	ug/l	98
6) Chloroethane	2.67	64	62863	54.044	ug/l	99
7) Trichlorofluoromethane	2.98	101	125160	60.451	ug/l	98
8) Diethyl Ether	3.37	74	51775	59.953	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	74642	55.960	ug/l	99
10) Methyl Iodide	3.91	142	81359	47.462	ug/l	99
11) Tert butyl alcohol	4.73	59	67246	252.180	ug/l	99
12) 1,1-Dichloroethene	3.69	96	71092	53.559	ug/l	98
13) Acrolein	3.56	56	31369	176.525	ug/l	98
14) Allyl chloride	4.27	41	156099	63.426	ug/l	98
15) Acrylonitrile	4.92	53	236406	288.802	ug/l	99
16) Acetone	3.77	43	227252	296.204	ug/l	99
17) Carbon Disulfide	4.00	76	171252	46.706	ug/l	99
18) Methyl Acetate	4.27	43	123946	49.335	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	275390	54.297	ug/l	99
20) Methylene Chloride	4.49	84	83707	53.928	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	79144	54.757	ug/l	100
22) Diisopropyl ether	5.89	45	326921	57.282	ug/l	99
23) Vinyl Acetate	5.83	43	1313802	285.901	ug/l	100
24) 1,1-Dichloroethane	5.79	63	163743	54.912	ug/l	100
25) 2-Butanone	6.78	43	338615	287.470	ug/l	100
26) 2,2-Dichloropropane	6.77	77	145098	57.771	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	92239	54.381	ug/l	99
28) Bromochloromethane	7.15	49	71356	50.487	ug/l	96
29) Tetrahydrofuran	7.16	42	220628	278.055	ug/l	98
30) Chloroform	7.32	83	159451	52.766	ug/l	100
31) Cyclohexane	7.61	56	146265	50.508	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	137377	52.207	ug/l	100
36) 1,1-Dichloropropene	7.75	75	120303	57.083	ug/l	100
37) Ethyl Acetate	6.87	43	140609	56.911	ug/l	99
38) Carbon Tetrachloride	7.73	117	105246	54.518	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	134499	56.907	ug/l	99
40) Benzene	8.00	78	348475	55.500	ug/l	100
41) Methacrylonitrile	7.12	41	65471	63.823	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	132815	55.837	ug/l	99
43) Isopropyl Acetate	8.12	43	233446	56.932	ug/l	100
44) Trichloroethene	8.80	130	89369	52.653	ug/l	99
45) 1,2-Dichloropropane	9.08	63	96314	57.418	ug/l	99
46) Dibromomethane	9.17	93	59029	56.834	ug/l	99
47) Bromodichloromethane	9.36	83	128221	57.517	ug/l	100
48) Methyl methacrylate	9.16	41	107407	58.048	ug/l	99
49) 1,4-Dioxane	9.16	88	20385	970.560	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	705561	292.332	ug/l	100
52) Toluene	10.12	92	216286	57.190	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	146272	58.231	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	154041	58.006	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	84050	55.718	ug/l	99
56) Ethyl methacrylate	10.40	69	138150	52.416	ug/l	99
57) 1,3-Dichloropropane	10.68	76	152899	57.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	223788	183.276	ug/l	99
59) 2-Hexanone	10.72	43	528343	300.894	ug/l	100
60) Dibromochloromethane	10.87	129	89368	56.565	ug/l	100
61) 1,2-Dibromoethane	10.98	107	84922	56.167	ug/l	100
64) Tetrachloroethene	10.60	164	88422	51.670	ug/l	98
65) Chlorobenzene	11.40	112	219275	55.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	81687	58.233	ug/l	98
67) Ethyl Benzene	11.48	91	423445	57.714	ug/l	100
68) m/p-Xylenes	11.59	106	310592	115.653	ug/l	98
69) o-Xylene	11.92	106	146498	56.790	ug/l	98
70) Styrene	11.94	104	251811	58.323	ug/l	99
71) Bromoform	12.10	173	60512	58.695	ug/l #	99
73) Isopropylbenzene	12.22	105	404025	56.750	ug/l	100
74) N-amyl acetate	12.04	43	208352	57.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	123282	55.534	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	109580m	53.671	ug/l	
77) Bromobenzene	12.50	156	91198	55.491	ug/l	98
78) n-propylbenzene	12.56	91	490210	58.052	ug/l	99
79) 2-Chlorotoluene	12.65	91	279273	56.266	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	341716	57.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	47573	59.171	ug/l	99
82) 4-Chlorotoluene	12.75	91	299564	57.264	ug/l	99
83) tert-Butylbenzene	12.97	119	283090	56.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	343038	56.506	ug/l	99
85) sec-Butylbenzene	13.15	105	394008	58.165	ug/l	99
86) p-Isopropyltoluene	13.26	119	356006	58.330	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	169139	55.905	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	170253	55.075	ug/l	100
89) n-Butylbenzene	13.59	91	340200	60.803	ug/l	100
90) Hexachloroethane	13.85	117	40636	61.723	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	161489	55.667	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25195	53.738	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	102112	57.803	ug/l	100
94) Hexachlorobutadiene	14.99	225	46611	63.158	ug/l	97
95) Naphthalene	15.10	128	313562	54.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	99200	56.877	ug/l	99

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

