

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060337.D
 Acq On : 4 Mar 2020 8:44
 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
 3/5/2020 1:09:43 PM

Quant Time: Mar 05 05:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	218183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	355248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	331801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	132670	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.56	113	81434	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.08	98	395142	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
62) 4-Bromofluorobenzene	12.40	95	151985	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98172	49.076	ug/l	99
3) Chloromethane	2.03	50	167055	47.966	ug/l	100
4) Vinyl Chloride	2.16	62	137269	45.958	ug/l	99
5) Bromomethane	2.54	94	49033	40.318	ug/l	100
6) Chloroethane	2.68	64	74285	45.903	ug/l	97
7) Trichlorofluoromethane	3.00	101	182398	47.796	ug/l	99
8) Diethyl Ether	3.38	74	69901	48.514	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	107094	49.587	ug/l	99
10) Methyl Iodide	3.92	142	92652	47.006	ug/l	99
11) Tert butyl alcohol	4.72	59	92748	223.133	ug/l	100
12) 1,1-Dichloroethene	3.71	96	103091	49.181	ug/l	99
13) Acrolein	3.57	56	110858	285.882	ug/l	100
14) Allyl chloride	4.29	41	176002	45.539	ug/l	93
15) Acrylonitrile	4.94	53	277288	253.090	ug/l	99
16) Acetone	3.78	43	198531	219.617	ug/l	98
17) Carbon Disulfide	4.03	76	268496	48.244	ug/l	99
18) Methyl Acetate	4.28	43	138680	45.970	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	385615	50.669	ug/l	100
20) Methylene Chloride	4.52	84	118674	47.802	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	111190	49.367	ug/l	95
22) Diisopropyl ether	5.91	45	403231	51.507	ug/l	99
23) Vinyl Acetate	5.86	43	1599195	257.071	ug/l	100
24) 1,1-Dichloroethane	5.81	63	220971	49.864	ug/l	100
25) 2-Butanone	6.80	43	367029	251.364	ug/l	100
26) 2,2-Dichloropropane	6.79	77	206576	51.205	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	134499	46.721	ug/l	99
28) Bromochloromethane	7.17	49	88577	48.683	ug/l	99
29) Tetrahydrofuran	7.18	42	249896	246.116	ug/l	100
30) Chloroform	7.34	83	223905	50.756	ug/l	97
31) Cyclohexane	7.63	56	196068	51.898	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	196380	50.243	ug/l	99
36) 1,1-Dichloropropene	7.77	75	166446	49.162	ug/l	100
37) Ethyl Acetate	6.89	43	163156	50.894	ug/l	99
38) Carbon Tetrachloride	7.75	117	168304	51.057	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	200171	50.144	ug/l	99
40) Benzene	8.02	78	494119	50.143	ug/l	99
41) Methacrylonitrile	7.15	41	83820m	56.626	ug/l	
42) 1,2-Dichloroethane	8.10	62	180409	50.734	ug/l	100
43) Isopropyl Acetate	8.14	43	287494	51.225	ug/l	99
44) Trichloroethene	8.82	130	137574	50.127	ug/l	100
45) 1,2-Dichloropropane	9.10	63	134364	52.151	ug/l	99
46) Dibromomethane	9.19	93	84217	50.376	ug/l	99
47) Bromodichloromethane	9.39	83	180392	53.055	ug/l	100
48) Methyl methacrylate	9.18	41	127804	49.937	ug/l	98
49) 1,4-Dioxane	9.18	88	31289	869.363	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	827210	259.957	ug/l	99
52) Toluene	10.14	92	312342	50.458	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	212295	50.957	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	222530	51.546	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	124582	50.047	ug/l	99
56) Ethyl methacrylate	10.42	69	192416	53.804	ug/l	100
57) 1,3-Dichloropropane	10.70	76	208698	51.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	444988	237.910	ug/l	99
59) 2-Hexanone	10.74	43	631191	270.158	ug/l	99
60) Dibromochloromethane	10.89	129	135816	53.650	ug/l	100
61) 1,2-Dibromoethane	10.99	107	126093	51.962	ug/l	99
64) Tetrachloroethene	10.62	164	144389	55.423	ug/l	99
65) Chlorobenzene	11.43	112	333406	49.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	128556	51.894	ug/l	100
67) Ethyl Benzene	11.50	91	623149	51.073	ug/l	100
68) m/p-Xylenes	11.61	106	462316	100.430	ug/l	99
69) o-Xylene	11.94	106	224057	51.042	ug/l	99
70) Styrene	11.96	104	375024	51.962	ug/l	99
71) Bromoform	12.12	173	97542	54.634	ug/l #	100
73) Isopropylbenzene	12.24	105	611521	50.226	ug/l	100
74) N-amyl acetate	12.06	43	261584	49.167	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	165628	50.046	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	161376m	44.777	ug/l	
77) Bromobenzene	12.52	156	146958	49.241	ug/l	99
78) n-propylbenzene	12.59	91	724213	50.745	ug/l	100
79) 2-Chlorotoluene	12.67	91	416142	49.605	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	521612	50.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	68511	52.475	ug/l	97
82) 4-Chlorotoluene	12.77	91	440472	49.835	ug/l	99
83) tert-Butylbenzene	12.99	119	438086	49.360	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	517820	50.046	ug/l	99
85) sec-Butylbenzene	13.17	105	608957	51.237	ug/l	100
86) p-Isopropyltoluene	13.28	119	556747	50.612	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	271051	52.865	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	270785	53.125	ug/l	99
89) n-Butylbenzene	13.61	91	521769	51.670	ug/l	100
90) Hexachloroethane	13.87	117	80169	50.349	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	256867	49.118	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35995	48.028	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	176453	53.096	ug/l	99
94) Hexachlorobutadiene	15.01	225	86883	56.959	ug/l	98
95) Naphthalene	15.13	128	483166	49.362	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	160641	51.337	ug/l	100

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

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