Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070920\
Data File : BN011130.D
Acq On : 09 Jul 2020 11:25
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02059

Quant Time: Jul 09 12:01:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 09 09:53:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	249551	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.25	136	837009	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	508421	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	1031881	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1038107	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1040212	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	42778	6.35	ng/uL	0.00
5) Phenol-d5	6.70	99	305828	16.71	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	173721	16.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	273177	16.63	ng/ul	-0.01
13) 4-Methylphenol-d8	8.21	113	247320	16.92	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	127759	18.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	137116	19.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	287037	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	313169	22.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	717243	18.12	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	889066	18.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	113328	18.41	ng/ul	0.00
58) Fluorene-d10	15.13	176	697218	19.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	117662	19.01	ng/ul	0.00
71) Anthracene-d10	16.98	188	944645	18.57	ng/ul	0.00
79) Pyrene-d10	19.29	212	1016863	18.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1130029	20.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	47776	6.720	ng/uL	99
4) Benzaldehyde	6.67	77	201757	20.072	ng/ul	98
6) Phenol	6.73	94	332209	16.657	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.95	93	264901	16.744	ng/ul	96
10) 2-Chlorophenol	7.08	128	293843	16.817	ng/ul	97
11) 2-Methylphenol	7.95	108	245753	16.540	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.03	45	165547	15.917	ng/ul	99
14) Acetophenone	8.31	105	426280	17.132	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	187791	16.726	ng/ul	98
16) 4-Methylphenol	8.28	108	273040	17.386	ng/ul	94
17) Hexachloroethane	8.55	117	136357	16.223	ng/ul	98
20) Nitrobenzene	8.68	77	319644	17.485	ng/ul	99
21) Isophorone	9.20	82	521605	18.112	ng/ul	98
23) 2-Nitrophenol	9.38	139	152576	18.865	ng/ul	95
24) 2,4-Dimethylphenol	9.45	107	310984	18.261	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.68	93	347742	19.068	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	292988	20.356	ng/ul	98
28) Naphthalene	10.30	128	897381	18.381	ng/ul	99
30) 4-Chloroaniline	10.42	127	331970	22.651	ng/ul	96
31) Hexachlorobutadiene	10.59	225	204458	18.274	ng/ul	97
32) Caprolactam	11.19	113	55827	17.234	ng/ul	99
33) 4-Chloro-3-methylphenol	11.55	107	259804	18.620	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	637921	18.930	ng/ul	96

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	642049	20.685	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	364451	19.018	ng/ul	95
38) Hexachlorocyclopentadiene	12.27	237	254788	20.048	ng/ul	95
39) 2,4,6-Trichlorophenol	12.55	196	214240	19.452	ng/ul	96
40) 2,4,5-Trichlorophenol	12.62	196	235970	20.326	ng/ul	95
41) 1,1'-Biphenyl	12.95	154	798370	17.902	ng/ul	97
42) 2-Chloronaphthalene	12.99	162	636399	17.976	ng/ul	99
43) 2-Nitroaniline	13.20	65	143990	17.791	ng/ul#	83
45) Dimethylphthalate	13.60	163	761160	18.291	ng/ul	98
46) 2,6-Dinitrotoluene	13.71	165	150758	18.652	ng/ul	97
48) Acenaphthylene	13.85	152	953053	18.609	ng/ul	98
49) 3-Nitroaniline	14.04	138	139828	19.394	ng/ul	98
50) Acenaphthene	14.19	153	657259	18.116	ng/ul	97
51) 2,4-Dinitrophenol	14.25	184	73585	16.756	ng/ul	99
53) 4-Nitrophenol	14.37	109	113381	19.003	ng/ul	91
54) Dibenzofuran	14.53	168	958480	18.781	ng/ul	98
55) 2,4-Dinitrotoluene	14.51	165	219618	19.596	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.77	232	178826	19.021	ng/ul	96
57) Diethylphthalate	14.98	149	805441	19.759	ng/ul	99
59) Fluorene	15.19	166	824301	19.696	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.19	204	407856	18.989	ng/ul	99
61) 4-Nitroaniline	15.21	138	154909	20.132	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	126808	19.579	ng/ul	98
65) N-Nitrosodiphenylamine	15.40	169	637210	18.880	ng/ul	98
66) 4-Bromophenyl-phenylether	16.09	248	221092	18.569	ng/ul	90
67) Hexachlorobenzene	16.20	284	245892	18.261	ng/ul	96
68) Atrazine	16.37	200	211706	19.162	ng/ul	99
69) Pentachlorophenol	16.55	266	131720	18.590	ng/ul	89
70) Phenanthrene	16.93	178	1180213	18.814	ng/ul	100
72) Anthracene	17.02	178	1212414	19.122	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	334390	18.324	ng/uL	95
74) Pentachlorobenzene	14.45	250	305504	18.565	ng/uL	93
75) Carbazole	17.29	167	1028804	20.228	ng/ul	100
76) Di-n-butylphthalate	17.87	149	1200168	19.981	ng/ul	99
77) Fluoranthene	18.95	202	1439965	21.416	ng/ul	99
80) Pyrene	19.32	202	1386333	18.187	ng/ul	96
81) Butylbenzylphthalate	20.26	149	500698	19.502	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.03	252	383777	18.901	ng/ul	94
83) Benzo(a)anthracene	21.09	228	1325976	18.523	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	777738	19.877	ng/ul	99
85) Chrysene	21.14	228	1316670	18.785	ng/ul	99
87) Di-n-octyl phthalate	21.91	149	1265825	19.523	ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	1316875	18.369	ng/ul	98
89) Benzo(k)fluoranthene	22.65	252	1367379	19.949	ng/ul	99
91) Benzo(a)pyrene	23.14	252	1199698	19.189	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.33	276	1590049	20.065	ng/ul	96
93) Dibenzo(a,h)anthracene	25.34	278	1334848	20.385	ng/ul	99
94) Benzo(g,h,i)perylene	25.96	276	1273120	19.616	ng/ul	98

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

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