Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
Data File : BN006041.D
Acq On : 03 Jun 2019 15:52
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02095

Quant Time: Jun 03 16:27:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 03 14:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	391202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1750816	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	993419	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2026777	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1446482	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1498418	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	72335	8.61	ng/uL	0.00
5) Phenol-d5	6.89	99	684907	21.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	395637	21.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	539394	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	543449	21.01	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	269209	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	297056	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	546305	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	676636	21.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1505771	21.43	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1953405	21.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	267969	20.63	ng/ul	0.00
57) Fluorene-d10	15.38	176	1275342	21.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	208292	21.21	ng/ul	0.00
70) Anthracene-d10	17.24	188	1850045	21.78	ng/ul	0.00
78) Pyrene-d10	19.54	212	1719584	20.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1449772	21.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	75142	8.556	ng/uL	99
4) Benzaldehyde	6.87	77	470356	21.381	ng/ul	99
6) Phenol	6.92	94	705070	21.357	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	550921	21.599	ng/ul	99
10) 2-Chlorophenol	7.29	128	551313	21.270	ng/ul	99
11) 2-Methylphenol	8.17	108	537960	21.282	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	737856	21.626	ng/ul	100
14) Acetophenone	8.54	105	837949	21.892	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	434902	21.931	ng/ul	98
16) 4-Methylphenol	8.49	108	587806	21.440	ng/ul	99
17) Hexachloroethane	8.79	117	202669	21.076	ng/ul	98
20) Nitrobenzene	8.92	77	637184	21.511	ng/ul	98
21) Isophorone	9.44	82	1201042	21.348	ng/ul	99
23) 2-Nitrophenol	9.63	139	319899	21.763	ng/ul	99
24) 2,4-Dimethylphenol	9.69	107	641278	21.419	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	767981	21.570	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	525398	21.167	ng/ul	98
28) Naphthalene	10.57	128	1751752	21.267	ng/ul	99
30) 4-Chloroaniline	10.68	127	681464	21.780	ng/ul	100
31) Hexachlorobutadiene	10.85	225	306670	20.880	ng/ul	97
32) Caprolactam	11.44	113	186953	20.309	ng/ul	97
33) 4-Chloro-3-methylphenol	11.81	107	594237	21.065	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	1256419	21.386	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	628961	21.443	ng/ul	99
37) Hexachlorocyclopentadiene	12.54	237	200944	21.572	ng/ul	97
38) 2,4,6-Trichlorophenol	12.80	196	412860	21.420	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	441021	21.476	ng/ul	99
40) 1,1'-Biphenyl	13.21	154	1613492	21.553	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	1241915	21.463	ng/ul	100
42) 2-Nitroaniline	13.46	65	380579	21.597	ng/ul	99
44) Dimethylphthalate	13.84	163	1488403	21.396	ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	315661	21.548	ng/ul	96
47) Acenaphthylene	14.10	152	1916846	21.576	ng/ul	99
48) 3-Nitroaniline	14.29	138	320906	21.410	ng/ul	99
49) Acenaphthene	14.45	153	1285697	21.481	ng/ul	100
50) 2,4-Dinitrophenol	14.51	184	121148	18.215	ng/ul	98
52) 4-Nitrophenol	14.61	109	203378	20.724	ng/ul	99
53) Dibenzofuran	14.78	168	1830116	21.532	ng/ul	99
54) 2,4-Dinitrotoluene	14.75	165	439333	21.674	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.01	232	353692	21.192	ng/ul	99
56) Diethylphthalate	15.21	149	1477408	21.415	ng/ul	98
58) Fluorene	15.44	166	1423961	21.683	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	711292	21.914	ng/ul	99
60) 4-Nitroaniline	15.46	138	360289	20.956	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	217194	21.641	ng/ul	97
64) N-Nitrosodiphenylamine	15.65	169	1260195	21.828	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	440414	21.663	ng/ul	99
66) Hexachlorobenzene	16.44	284	461107	21.314	ng/ul	100
67) Atrazine	16.60	200	432648	21.734	ng/ul	99
68) Pentachlorophenol	16.79	266	235925	19.816	ng/ul	96
69) Phenanthrene	17.18	178	2111649	21.470	ng/ul	100
71) Anthracene	17.27	178	2170432	21.731	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	641496	21.607	ng/uL	99
73) Pentachlorobenzene	14.71	250	581418	21.941	ng/uL	98
74) Carbazole	17.54	167	1924906	22.406	ng/ul	99
75) Di-n-butylphthalate	18.11	149	2366353	21.504	ng/ul	99
76) Fluoranthene	19.21	202	2191153	22.893	ng/ul	100
79) Pyrene	19.57	202	2180855	20.919	ng/ul	100
80) Butylbenzylphthalate	20.48	149	965613	20.468	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.28	252	668162	24.232	ng/ul	99
82) Benzo(a)anthracene	21.34	228	1911494	21.387	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1335731	20.602	ng/ul	99
84) Chrysene	21.39	228	1803996	21.333	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	2233074	21.772	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	1804016	21.828	ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	1748158	21.828	ng/ul	99
90) Benzo(a)pyrene	23.55	252	1717558	21.857	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.95	276	1959952	21.665	ng/ul	100
92) Dibenzo(a,h)anthracene	25.96	278	1646330	21.585	ng/ul	99
93) Benzo(g,h,i)perylene	26.65	276	1607345	21.586	ng/ul	99

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

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