Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119552.D
Acq On : 27 Mar 2020 6:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 27 10:27:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	271886	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1038312	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	543738	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1053464	20.00	ng		0.00
76) Chrysene-d12	14.02	240	788598	20.00	ng		0.00
87) Perylene-d12	15.48	264	731404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1349676	79.02	ng		0.00
7) Phenol-d6	6.46	99	1773594	81.29	ng		0.00
23) Nitrobenzene-d5	7.40	82	1632662	85.46	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	543506	96.89	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3015369	82.16	ng		0.00
79) Terphenyl-d14	12.96	244	3298407	81.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	312209	37.012	ng		99
3) Pyridine	3.30	79	840537	36.169	ng		98
4) n-Nitrosodimethylamine	3.25	42	407444	35.953	ng		99
6) Aniline	6.50	93	1191797	39.579	ng		100
8) 2-Chlorophenol	6.62	128	753521	42.007	ng		99
9) Benzaldehyde	6.39	77	527475	38.111	ng		99
10) Phenol	6.47	94	1005668	43.199	ng		99
11) bis(2-Chloroethyl)ether	6.57	93	765646	41.122	ng		99
12) 1,3-Dichlorobenzene	6.78	146	809233	41.682	ng		98
13) 1,4-Dichlorobenzene	6.86	146	812457	41.838	ng		100
14) 1,2-Dichlorobenzene	7.01	146	754270	41.555	ng		97
15) Benzyl Alcohol	6.98	79	686994	41.860	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1495519	39.821	ng		99
17) 2-Methylphenol	7.09	107	678253	41.268	ng		100
18) Hexachloroethane	7.35	117	313155	44.004	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	560037	42.587	ng		99
20) 3+4-Methylphenols	7.25	107	844531	41.928	ng	#	80
22) Acetophenone	7.25	105	998244	40.235	ng		99
24) Nitrobenzene	7.42	77	835355	40.914	ng		99
25) Isophorone	7.66	82	1583642	40.863	ng		100
26) 2-Nitrophenol	7.74	139	412470	51.308	ng		89
27) 2,4-Dimethylphenol	7.77	122	628961	37.837	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	949651	41.439	ng		98
29) 2,4-Dichlorophenol	7.97	162	648859	42.482	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	710244	42.048	ng		98
31) Naphthalene	8.15	128	2221389	41.574	ng		100
32) Benzoic acid	7.90	122	557408	52.130	ng		98
33) 4-Chloroaniline	8.19	127	993854	40.592	ng		99
34) Hexachlorobutadiene	8.26	225	417754	44.203	ng		98
35) Caprolactam	8.57	113	203386	40.688	ng		94
36) 4-Chloro-3-methylphenol	8.67	107	701526	42.024	ng		99
37) 2-Methylnaphthalene	8.84	142	1497146	42.693	ng		98
38) 1-Methylnaphthalene	8.94	142	1395927	42.056	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	687370	43.129	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	388541	42.882 ng	98
43) 2,4,6-Trichlorophenol	9.12	196	492688	43.199 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	564407	44.176 ng	98
46) 1,1'-Biphenyl	9.30	154	1856333	41.918 ng	98
47) 2-Chloronaphthalene	9.33	162	1439049	41.485 ng	99
48) 2-Nitroaniline	9.42	65	538591	44.983 ng	99
49) Acenaphthylene	9.75	152	2229296	40.924 ng	99
50) Dimethylphthalate	9.61	163	1669549	43.228 ng	100
51) 2,6-Dinitrotoluene	9.67	165	379143	45.799 ng	99
52) Acenaphthene	9.92	154	1459372	42.973 ng	99
53) 3-Nitroaniline	9.83	138	452833	43.328 ng	97
54) 2,4-Dinitrophenol	9.94	184	200257	58.096 ng	98
55) Dibenzofuran	10.09	168	2016360	41.413 ng	99
56) 4-Nitrophenol	9.99	139	343339	41.643 ng	98
57) 2,4-Dinitrotoluene	10.07	165	508784	48.788 ng	97
58) Fluorene	10.43	166	1547443	42.978 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	438121	45.876 ng	99
60) Diethylphthalate	10.31	149	1773739	45.250 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	781247	44.371 ng	99
62) 4-Nitroaniline	10.45	138	447864	44.688 ng	98
63) Azobenzene	10.59	77	1651208	41.830 ng	100
65) 4,6-Dinitro-2-methylphenol	10.48	198	262055	59.323 ng	99
66) n-Nitrosodiphenylamine	10.55	169	1430029	41.350 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	524509	43.718 ng	99
68) Hexachlorobenzene	10.98	284	541194	44.074 ng	99
69) Atrazine	11.07	200	423531	44.671 ng	99
70) Pentachlorophenol	11.17	266	333655	46.341 ng	98
71) Phenanthrene	11.40	178	2225294	40.738 ng	100
72) Anthracene	11.45	178	2294865	41.336 ng	99
73) Carbazole	11.60	167	2201593	40.064 ng	99
74) Di-n-butylphthalate	11.94	149	2738106	46.580 ng	99
75) Fluoranthene	12.59	202	2463746	41.676 ng	100
77) Benzidine	12.70	184	1210792	36.280 ng	98
78) Pyrene	12.82	202	2516460	38.883 ng	99
80) Butylbenzylphthalate	13.44	149	1193599	45.599 ng	99
81) Benzo(a)anthracene	14.00	228	2019341	39.378 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	818371	40.474 ng	99
83) Chrysene	14.05	228	2076958	39.244 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1551337	49.716 ng	98
85) Di-n-octyl phthalate	14.61	149	2732604	49.793 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1888263	37.883 ng	100
88) Benzo(b)fluoranthene	15.06	252	2116513	43.320 ng	99
89) Benzo(k)fluoranthene	15.09	252	1860944	40.001 ng	99
90) Benzo(a)pyrene	15.42	252	1841415	41.472 ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1536524	39.564 ng	98
92) Benzo(g,h,i)perylene	17.39	276	1507433	38.636 ng	99

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

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