Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120158.D
Acq On : 23 Apr 2020 12:54
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 23 13:32:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	145396	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	563567	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	287573	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	566606	20.00	ng		0.00
76) Chrysene-d12	13.83	240	415501	20.00	ng		0.00
87) Perylene-d12	15.23	264	370610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	729433	86.70	ng		0.00
7) Phenol-d6	6.31	99	944974	87.17	ng		0.00
23) Nitrobenzene-d5	7.24	82	876567	80.47	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	240202	68.22	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1691096	83.49	ng		0.00
79) Terphenyl-d14	12.77	244	1803980	73.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	154103	41.124	ng		97
3) Pyridine	2.95	79	419892	40.841	ng		94
4) n-Nitrosodimethylamine	2.90	42	208412	39.675	ng		100
6) Aniline	6.33	93	606607	42.632	ng	#	71
8) 2-Chlorophenol	6.45	128	405323	43.118	ng		97
9) Benzaldehyde	6.21	77	235160	40.771	ng		98
10) Phenol	6.32	94	523409	42.557	ng	#	72
11) bis(2-Chloroethyl)ether	6.41	93	402219	42.356	ng		97
12) 1,3-Dichlorobenzene	6.60	146	438070	42.566	ng		97
13) 1,4-Dichlorobenzene	6.68	146	438808	41.857	ng		99
14) 1,2-Dichlorobenzene	6.83	146	420266	43.499	ng		99
15) Benzyl Alcohol	6.82	79	352709	41.889	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	725835	39.279	ng		97
17) 2-Methylphenol	6.93	107	359845	42.895	ng		96
18) Hexachloroethane	7.17	117	168043	42.891	ng		96
19) n-Nitroso-di-n-propylamine	7.09	70	296608	42.548	ng		97
20) 3+4-Methylphenols	7.09	107	459233	44.760	ng	#	83
22) Acetophenone	7.08	105	549159	41.613	ng	#	92
24) Nitrobenzene	7.26	77	450237	41.085	ng		96
25) Isophorone	7.50	82	842908	40.139	ng		100
26) 2-Nitrophenol	7.57	139	222367	40.616	ng		96
27) 2,4-Dimethylphenol	7.62	122	332627	40.283	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	504486	40.826	ng		99
29) 2,4-Dichlorophenol	7.82	162	340976	40.286	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	383761	40.016	ng		99
31) Naphthalene	7.97	128	1202151	40.544	ng		99
32) Benzoic acid	7.76	122	262248	36.163	ng		98
33) 4-Chloroaniline	8.03	127	522422	40.472	ng		98
34) Hexachlorobutadiene	8.09	225	228192	39.749	ng		99
35) Caprolactam	8.41	113	100123	38.672	ng	#	88
36) 4-Chloro-3-methylphenol	8.52	107	366382	39.983	ng		99
37) 2-Methylnaphthalene	8.66	142	799740	39.783	ng		98
38) 1-Methylnaphthalene	8.76	142	754101	39.800	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	376915	41.498	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	166554	32.248 ng	98
43) 2,4,6-Trichlorophenol	8.95	196	248050	39.548 ng	98
44) 2,4,5-Trichlorophenol	8.99	196	286483	40.554 ng	98
46) 1,1'-Biphenyl	9.13	154	1016231	41.867 ng	98
47) 2-Chloronaphthalene	9.15	162	774451	41.418 ng	99
48) 2-Nitroaniline	9.25	65	271410	40.054 ng	98
49) Acenaphthylene	9.57	152	1183763	41.628 ng	97
50) Dimethylphthalate	9.44	163	886742	39.865 ng	100
51) 2,6-Dinitrotoluene	9.50	165	196227	40.285 ng	93
52) Acenaphthene	9.74	154	694694	36.622 ng	98
53) 3-Nitroaniline	9.67	138	226360	40.690 ng	92
54) 2,4-Dinitrophenol	9.77	184	100933	34.611 ng	98
55) Dibenzofuran	9.91	168	1011406	38.855 ng	99
56) 4-Nitrophenol	9.83	139	150808	36.434 ng	98
57) 2,4-Dinitrotoluene	9.90	165	242668	37.813 ng	93
58) Fluorene	10.25	166	793271	38.105 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	212458	39.324 ng	98
60) Diethylphthalate	10.13	149	921811	39.985 ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	394875	37.008 ng	97
62) 4-Nitroaniline	10.28	138	212405	40.064 ng	98
63) Azobenzene	10.41	77	821421	39.758 ng	98
65) 4,6-Dinitro-2-methylphenol	10.31	198	135480	36.294 ng	88
66) n-Nitrosodiphenylamine	10.37	169	704787	37.402 ng	99
67) 4-Bromophenyl-phenylether	10.73	248	247223	35.085 ng	97
68) Hexachlorobenzene	10.80	284	255490	35.742 ng	99
69) Atrazine	10.90	200	207277	39.535 ng	99
70) Pentachlorophenol	10.99	266	135733	32.950 ng	100
71) Phenanthrene	11.21	178	1216600	40.344 ng	98
72) Anthracene	11.26	178	1258328	40.848 ng	98
73) Carbazole	11.42	167	1192726	40.942 ng	97
74) Di-n-butylphthalate	11.76	149	1508152	39.381 ng	99
75) Fluoranthene	12.40	202	1323153	40.666 ng	98
77) Benzidine	12.52	184	482353	34.343 ng	98
78) Pyrene	12.63	202	1346899	38.453 ng	98
80) Butylbenzylphthalate	13.25	149	627869	36.941 ng	96
81) Benzo(a)anthracene	13.82	228	1101900	40.312 ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	410533	40.252 ng	99
83) Chrysene	13.85	228	1123398	40.448 ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	846060	36.758 ng	100
85) Di-n-octyl phthalate	14.43	149	1482165	37.820 ng	99
86) Indeno(1,2,3-cd)pyrene	16.58	276	913850	37.327 ng	100
88) Benzo(b)fluoranthene	14.83	252	1013779	38.025 ng	99
89) Benzo(k)fluoranthene	14.86	252	977352	42.487 ng	99
90) Benzo(a)pyrene	15.17	252	907633	40.490 ng	99
91) Dibenzo(a,h)anthracene	16.60	278	750516	37.798 ng	99
92) Benzo(g,h,i)perylene	16.99	276	709982	36.223 ng	97

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

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