Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119550.D
Acq On : 27 Mar 2020 00:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 27 03:05:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 16:30:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272812	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1041795	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	552954	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1057872	20.00	ng	0.00
76) Chrysene-d12	14.02	240	748335	20.00	ng	0.00
87) Perylene-d12	15.47	264	630248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1370038	79.94	ng	0.00
7) Phenol-d6	6.46	99	1781751	81.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	1646056	85.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	551806	96.73	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2999135	80.35	ng	0.00
79) Terphenyl-d14	12.96	244	3297021	86.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	304759	36.006	ng	97
3) Pyridine	3.30	79	844675	36.224	ng	97
4) n-Nitrosodimethylamine	3.25	42	403049	35.445	ng	99
6) Aniline	6.50	93	1200134	39.721	ng	99
8) 2-Chlorophenol	6.62	128	758170	42.122	ng	98
9) Benzaldehyde	6.39	77	545141	39.254	ng	99
10) Phenol	6.47	94	1010824	43.273	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	768619	41.141	ng	99
12) 1,3-Dichlorobenzene	6.77	146	809428	41.550	ng	98
13) 1,4-Dichlorobenzene	6.85	146	811723	41.658	ng	99
14) 1,2-Dichlorobenzene	7.01	146	772250	42.401	ng	99
15) Benzyl Alcohol	6.97	79	694668	42.184	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1527450	40.533	ng	99
17) 2-Methylphenol	7.09	107	687871	41.711	ng	99
18) Hexachloroethane	7.35	117	310386	43.467	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	568739	43.102	ng	94
20) 3+4-Methylphenols	7.24	107	848898	42.002	ng	93
22) Acetophenone	7.25	105	1008167	40.499	ng	98
24) Nitrobenzene	7.42	77	858169	41.891	ng	98
25) Isophorone	7.66	82	1615773	41.553	ng	98
26) 2-Nitrophenol	7.73	139	423699	52.529	ng	95
27) 2,4-Dimethylphenol	7.77	122	632684	37.934	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	974566	42.384	ng	99
29) 2,4-Dichlorophenol	7.97	162	647522	42.253	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	717462	42.334	ng	98
31) Naphthalene	8.15	128	2215422	41.323	ng	99
32) Benzoic acid	7.90	122	576162	53.704	ng	99
33) 4-Chloroaniline	8.19	127	993335	40.435	ng	98
34) Hexachlorobutadiene	8.26	225	424984	44.818	ng	99
35) Caprolactam	8.57	113	206395	41.152	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	711052	42.452	ng	97
37) 2-Methylnaphthalene	8.84	142	1514220	43.036	ng	98
38) 1-Methylnaphthalene	8.94	142	1416198	42.524	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	698374	43.089	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	392682	42.617 ng	98
43) 2,4,6-Trichlorophenol	9.11	196	497381	42.883 ng	98
44) 2,4,5-Trichlorophenol	9.15	196	577733	44.465 ng	98
46) 1,1'-Biphenyl	9.30	154	1884375	41.842 ng	99
47) 2-Chloronaphthalene	9.33	162	1463034	41.473 ng	99
48) 2-Nitroaniline	9.42	65	544977	44.758 ng	96
49) Acenaphthylene	9.75	152	2257667	40.754 ng	100
50) Dimethylphthalate	9.61	163	1713196	43.619 ng	100
51) 2,6-Dinitrotoluene	9.66	165	388484	46.145 ng	99
52) Acenaphthene	9.92	154	1471573	42.611 ng	99
53) 3-Nitroaniline	9.83	138	443943	41.769 ng	97
54) 2,4-Dinitrophenol	9.93	184	205451	58.545 ng	95
55) Dibenzofuran	10.09	168	2047319	41.348 ng	98
56) 4-Nitrophenol	9.99	139	348782	41.599 ng	93
57) 2,4-Dinitrotoluene	10.07	165	511040	48.187 ng	96
58) Fluorene	10.43	166	1561834	42.655 ng	96
59) 2,3,4,6-Tetrachlorophenol	10.20	232	436764	44.971 ng	99
60) Diethylphthalate	10.31	149	1797664	45.096 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	796063	44.459 ng	98
62) 4-Nitroaniline	10.45	138	444539	43.617 ng	98
63) Azobenzene	10.59	77	1689582	42.089 ng	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	263848	59.480 ng	88
66) n-Nitrosodiphenylamine	10.55	169	1439463	41.449 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	527604	43.793 ng	96
68) Hexachlorobenzene	10.98	284	544384	44.149 ng	96
69) Atrazine	11.07	200	437202	45.921 ng	99
70) Pentachlorophenol	11.17	266	338077	46.759 ng	98
71) Phenanthrene	11.40	178	2271477	41.410 ng	100
72) Anthracene	11.45	178	2321989	41.650 ng	100
73) Carbazole	11.60	167	2219191	40.216 ng	99
74) Di-n-butylphthalate	11.93	149	2789407	47.255 ng	98
75) Fluoranthene	12.59	202	2438042	41.069 ng	99
77) Benzidine	12.70	184	1157643	36.554 ng	99
78) Pyrene	12.82	202	2472306	40.256 ng	99
80) Butylbenzylphthalate	13.43	149	1191121	47.952 ng	97
81) Benzo(a)anthracene	14.00	228	1956776	40.211 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	774453	40.363 ng	99
83) Chrysene	14.04	228	2010852	40.039 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1520964	51.365 ng	100
85) Di-n-octyl phthalate	14.61	149	2611411	50.145 ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1626068	34.378 ng	98
88) Benzo(b)fluoranthene	15.05	252	1787277	42.453 ng	100
89) Benzo(k)fluoranthene	15.08	252	1773682	44.244 ng	99
90) Benzo(a)pyrene	15.42	252	1611115	42.109 ng	98
91) Dibenzo(a,h)anthracene	16.96	278	1351901	40.397 ng	97
92) Benzo(g,h,i)perylene	17.39	276	1306161	38.851 ng	96

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

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