Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123582.D
Acq On : 16 Apr 2021 9:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 16 10:32:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	226265	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	844408	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	424029	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	827001	20.00	ng	0.00
76) Chrysene-d12	14.057	240	633474	20.00	ng	0.00
86) Perylene-d12	15.539	264	478752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1134987	81.07	ng	0.00
7) Phenol-d6	6.498	99	1542508	79.51	ng	0.00
23) Nitrobenzene-d5	7.434	82	1490051	81.12	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	445344	92.75	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2303942	81.00	ng	0.00
79) Terphenyl-d14	12.998	244	2632754	80.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	289168	39.54	ng	99
3) Pyridine	3.375	79	729201	40.77	ng	93
4) n-Nitrosodimethylamine	3.322	42	427485	40.34	ng	98
6) Aniline	6.534	93	902367	39.52	ng	100
8) 2-Chlorophenol	6.657	128	597841	39.76	ng	99
9) Benzaldehyde	6.416	77	463703	36.61	ng	98
10) Phenol	6.510	94	834807	40.52	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	608339	39.71	ng	98
12) 1,3-Dichlorobenzene	6.810	146	623181	40.31	ng	100
13) 1,4-Dichlorobenzene	6.887	146	624686	39.82	ng	100
14) 1,2-Dichlorobenzene	7.045	146	593922	40.29	ng	99
15) Benzyl Alcohol	7.010	79	644624	42.12	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1349085	39.01	ng	100
17) 2-Methylphenol	7.122	107	523855	40.54	ng	99
18) Hexachloroethane	7.386	117	253046	40.46	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	502693	39.12	ng	99
20) 3+4-Methylphenols	7.275	107	668766	40.56	ng	99
22) Acetophenone	7.281	105	915506	39.09	ng	99
24) Nitrobenzene	7.457	77	779539	40.31	ng	99
25) Isophorone	7.692	82	1380079	38.73	ng	100
26) 2-Nitrophenol	7.769	139	307337	46.50	ng	99
27) 2,4-Dimethylphenol	7.804	122	496296	40.69	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	701735	39.24	ng	99
29) 2,4-Dichlorophenol	8.010	162	485479	40.88	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	511774	40.11	ng	98
31) Naphthalene	8.181	128	1715179	39.43	ng	99
32) Benzoic acid	7.922	122	376305	46.53	ng	92
33) 4-Chloroaniline	8.222	127	700838	39.23	ng	99
34) Hexachlorobutadiene	8.298	225	323988	40.46	ng	99
35) Caprolactam	8.598	113	168721	40.70	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	616187	40.01	ng	96
37) 2-Methylnaphthalene	8.875	142	1144086	40.11	ng	99
38) 1-Methylnaphthalene	8.969	142	1069404	39.63	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	485969	41.53	ng	100
41) Hexachlorocyclopentadiene	9.028	237	274755	45.18	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	346936	43.69	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	372303	42.88	ng	98
46) 1,1'-Biphenyl	9.339	154	1357115	40.89	ng	100
47) 2-Chloronaphthalene	9.363	162	1011861	40.52	ng	98
48) 2-Nitroaniline	9.457	65	450430	43.29	ng	100
49) Acenaphthylene	9.780	152	1680113	41.13	ng	100
50) Dimethylphthalate	9.639	163	1173937	40.07	ng	99
51) 2,6-Dinitrotoluene	9.698	165	275363	42.82	ng	96
52) Acenaphthene	9.951	154	1095628	41.80	ng	99
53) 3-Nitroaniline	9.869	138	309924	41.55	ng	98
54) 2,4-Dinitrophenol	9.969	184	145041	51.35	ng	96
55) Dibenzofuran	10.122	168	1539545	40.94	ng	99
56) 4-Nitrophenol	10.022	139	251959	44.08	ng	95
57) 2,4-Dinitrotoluene	10.104	165	371214	43.22	ng	100
58) Fluorene	10.469	166	1192770	40.36	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	307493	44.48	ng	99
60) Diethylphthalate	10.339	149	1303520	40.64	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	555804	40.74	ng	97
62) 4-Nitroaniline	10.486	138	309888	41.13	ng	94
63) Azobenzene	10.622	77	1452073	39.97	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	200781	46.53	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1066396	40.28	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	354193	40.97	ng	98
68) Hexachlorobenzene	11.016	284	396837	40.72	ng	95
69) Atrazine	11.104	200	339026	41.09	ng	98
70) Pentachlorophenol	11.210	266	238683	46.88	ng	95
71) Phenanthrene	11.433	178	1705623	39.52	ng	100
72) Anthracene	11.486	178	1715030	39.76	ng	99
73) Carbazole	11.639	167	1719938	39.95	ng	99
74) Di-n-butylphthalate	11.969	149	2044705	39.24	ng	100
75) Fluoranthene	12.627	202	1866548	39.35	ng	98
77) Benzidine	12.745	184	926044	53.78	ng	99
78) Pyrene	12.857	202	1924535	41.63	ng	98
80) Butylbenzylphthalate	13.474	149	871822	40.13	ng	97
81) Benzo(a)anthracene	14.045	228	1488196	38.34	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	509496	41.09	ng	97
83) Chrysene	14.086	228	1501970	38.53	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1123575	38.89	ng	99
85) Di-n-octyl phthalate	14.657	149	1818594	39.12	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	977662	38.27	ng	100
88) Benzo(b)fluoranthene	15.110	252	1298530	38.42	ng	98
89) Benzo(k)fluoranthene	15.139	252	1242561	40.90	ng	99
90) Benzo(a)pyrene	15.480	252	1090523	40.56	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	853546	39.51	ng	99
92) Benzo(g,h,i)perylene	17.486	276	811946	40.19	ng	96

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

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