Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041223\
Data File : BF132866.D
Acq On : 12 Apr 2023 18:09
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Apr 13 05:19:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:14:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	249747	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	937737	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	456785	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	806928	20.000	ng	0.00
76) Chrysene-d12	13.921	240	543262	20.000	ng	0.00
86) Perylene-d12	15.345	264	422840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1260528	77.402	ng	0.00
7) Phenol-d6	6.398	99	1610775	77.534	ng	0.00
23) Nitrobenzene-d5	7.340	82	1421449	79.938	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	355598	82.108	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	2317405	77.454	ng	0.00
79) Terphenyl-d14	12.874	244	2447647	78.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	317352	39.202	ng	100
3) Pyridine	3.181	79	871429	39.399	ng	100
4) n-Nitrosodimethylamine	3.140	42	411888	39.555	ng	100
6) Aniline	6.434	93	1065725	39.772	ng	100
8) 2-Chlorophenol	6.551	128	643776	39.595	ng	100
9) Benzaldehyde	6.316	77	442779	40.058	ng	100
10) Phenol	6.416	94	913504	38.880	ng	100
11) bis(2-Chloroethyl)ether	6.510	93	665249	38.848	ng	100
12) 1,3-Dichlorobenzene	6.710	146	689437	39.005	ng	100
13) 1,4-Dichlorobenzene	6.787	146	690273	38.835	ng	100
14) 1,2-Dichlorobenzene	6.945	146	636839	38.382	ng	100
15) Benzyl Alcohol	6.916	79	554990	40.859	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1118926	39.509	ng	100
17) 2-Methylphenol	7.022	107	572447	39.092	ng	100
18) Hexachloroethane	7.287	117	241915	39.961	ng	100
19) n-Nitroso-di-n-propyla...	7.193	70	470694	39.438	ng	100
20) 3+4-Methylphenols	7.181	107	675333	38.314	ng	100
22) Acetophenone	7.187	105	852392	38.627	ng	100
24) Nitrobenzene	7.357	77	718044	39.633	ng	100
25) Isophorone	7.598	82	1291518	40.039	ng	100
26) 2-Nitrophenol	7.669	139	274154	42.899	ng	100
27) 2,4-Dimethylphenol	7.710	122	540166	39.518	ng	100
28) bis(2-Chloroethoxy)met...	7.810	93	766197	39.710	ng	100
29) 2,4-Dichlorophenol	7.910	162	514049	40.560	ng	100
30) 1,2,4-Trichlorobenzene	7.998	180	550226	40.058	ng	100
31) Naphthalene	8.081	128	1853827	39.169	ng	100
32) Benzoic acid	7.822	122	244789m	38.877	ng	
33) 4-Chloroaniline	8.128	127	762034	39.715	ng	100
34) Hexachlorobutadiene	8.198	225	304907	40.170	ng	100
35) Caprolactam	8.504	113	155548m	41.976	ng	
36) 4-Chloro-3-methylphenol	8.604	107	540008	40.306	ng	100
37) 2-Methylnaphthalene	8.769	142	1244348	39.099	ng	100
38) 1-Methylnaphthalene	8.869	142	1166927	39.267	ng	100
40) 1,2,4,5-Tetrachloroben...	8.934	216	509749	39.537	ng	100
41) Hexachlorocyclopentadiene	8.928	237	266347	43.107	ng	100
43) 2,4,6-Trichlorophenol	9.045	196	324897	41.009	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	385386	41.067	ng	100
46) 1,1'-Biphenyl	9.234	154	1430415	38.789	ng	100
47) 2-Chloronaphthalene	9.257	162	1057016	39.365	ng	100
48) 2-Nitroaniline	9.345	65	326816	40.173	ng	100
49) Acenaphthylene	9.669	152	1714579	39.271	ng	100
50) Dimethylphthalate	9.534	163	1210214	39.963	ng	100
51) 2,6-Dinitrotoluene	9.592	165	273713	41.190	ng	100
52) Acenaphthene	9.845	154	1099680	39.208	ng	100
53) 3-Nitroaniline	9.757	138	327913	41.814	ng	100
54) 2,4-Dinitrophenol	9.857	184	107622	38.415	ng	100
55) Dibenzofuran	10.016	168	1552933	39.118	ng	100
56) 4-Nitrophenol	9.904	139	254661	41.458	ng	100
57) 2,4-Dinitrotoluene	9.992	165	356316	43.243	ng	100
58) Fluorene	10.357	166	1129549	38.131	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	296976	41.158	ng	100
60) Diethylphthalate	10.233	149	1113401	40.816	ng	100
61) 4-Chlorophenyl-phenyle...	10.351	204	544785	38.584	ng	100
62) 4-Nitroaniline	10.375	138	320815	41.807	ng	100
63) Azobenzene	10.510	77	1290669	39.574	ng	100
65) 4,6-Dinitro-2-methylph...	10.398	198	144790	38.474	ng	100
66) n-Nitrosodiphenylamine	10.469	169	1007739	39.235	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	349983	40.530	ng	100
68) Hexachlorobenzene	10.904	284	359486	39.855	ng	100
69) Atrazine	10.992	200	282750	42.180	ng	100
70) Pentachlorophenol	11.092	266	250463	42.422	ng	100
71) Phenanthrene	11.316	178	1717875	38.542	ng	100
72) Anthracene	11.363	178	1772784	38.928	ng	100
73) Carbazole	11.516	167	1561540	38.916	ng	100
74) Di-n-butylphthalate	11.857	149	1471647	43.790	ng	100
75) Fluoranthene	12.498	202	1750745	39.208	ng	100
77) Benzidine	12.616	184	241626	36.873	ng	100
78) Pyrene	12.727	202	1807295	39.853	ng	100
80) Butylbenzylphthalate	13.351	149	232644	39.038	ng	100
81) Benzo(a)anthracene	13.910	228	1515173	40.505	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	319628	39.297	ng	100
83) Chrysene	13.951	228	1454386	39.874	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	358973	39.519	ng	100
85) Di-n-octyl phthalate	14.527	149	526906	39.644	ng	100
87) Indeno(1,2,3-cd)pyrene	16.745	276	1024113	37.837	ng	100
88) Benzo(b)fluoranthene	14.939	252	1105850	41.280	ng	100
89) Benzo(k)fluoranthene	14.968	252	1176720	42.835	ng	100
90) Benzo(a)pyrene	15.292	252	1018270	41.641	ng	100
91) Dibenzo(a,h)anthracene	16.768	278	838826	37.775	ng	100
92) Benzo(g,h,i)perylene	17.168	276	866889	37.748	ng	100

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

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