Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
Data File : BF137539.D
Acq On : 08 Mar 2024 13:05
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 08 22:14:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 08 22:10:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	239407	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	934029	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	527883	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	894183	20.000	ng		0.00
76) Chrysene-d12	14.074	240	470852	20.000	ng		0.00
86) Perylene-d12	15.615	264	496101	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1264701	80.008	ng		0.00
7) Phenol-d6	6.534	99	1770245	77.583	ng		0.00
23) Nitrobenzene-d5	7.451	82	1571696	78.185	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	395826	85.386	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2434620	72.195	ng		0.00
79) Terphenyl-d14	13.016	244	2609034	76.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	336824	38.970	ng		98
3) Pyridine	3.522	79	869513	41.713	ng		99
4) n-Nitrosodimethylamine	3.516	42	334802	40.312	ng		97
6) Aniline	6.563	93	1125556	40.371	ng		97
8) 2-Chlorophenol	6.675	128	656024	39.348	ng		93
9) Benzaldehyde	6.445	77	470560	42.095	ng		100
10) Phenol	6.545	94	963333	39.225	ng		97
11) bis(2-Chloroethyl)ether	6.634	93	698931	38.837	ng		99
12) 1,3-Dichlorobenzene	6.828	146	704444	39.540	ng		98
13) 1,4-Dichlorobenzene	6.904	146	719118	39.450	ng		98
14) 1,2-Dichlorobenzene	7.057	146	645759	38.596	ng		97
15) Benzyl Alcohol	7.034	79	566103	39.852	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1158330	37.444	ng		99
17) 2-Methylphenol	7.145	107	619786	39.727	ng		99
18) Hexachloroethane	7.392	117	240894	40.135	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	521850	37.037	ng		99
20) 3+4-Methylphenols	7.298	107	682432	38.194	ng		96
22) Acetophenone	7.298	105	866736	38.353	ng		99
24) Nitrobenzene	7.469	77	806103	39.919	ng		98
25) Isophorone	7.704	82	1489913	39.012	ng		99
26) 2-Nitrophenol	7.781	139	355478	44.340	ng		94
27) 2,4-Dimethylphenol	7.822	122	600699	40.099	ng		97
28) bis(2-Chloroethoxy)met...	7.916	93	882869	39.400	ng		99
29) 2,4-Dichlorophenol	8.022	162	567133	41.250	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	572702	39.583	ng		99
31) Naphthalene	8.181	128	1924092	38.394	ng		100
32) Benzoic acid	7.957	122	329958	39.527	ng		98
33) 4-Chloroaniline	8.233	127	812792	41.362	ng		97
34) Hexachlorobutadiene	8.298	225	339058	39.694	ng		99
35) Caprolactam	8.622	113	200064	42.914	ng	#	86
36) 4-Chloro-3-methylphenol	8.722	107	615616	40.058	ng		97
37) 2-Methylnaphthalene	8.875	142	1230882	38.528	ng		100
38) 1-Methylnaphthalene	8.975	142	1144648	38.046	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	573933	38.945	ng		100
41) Hexachlorocyclopentadiene	9.022	237	339757	58.914	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	390430	40.683	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	462354	41.822	ng	96
46) 1,1'-Biphenyl	9.339	154	1462976	37.865	ng	99
47) 2-Chloronaphthalene	9.363	162	1134063	38.499	ng	98
48) 2-Nitroaniline	9.463	65	435559	43.503	ng	94
49) Acenaphthylene	9.780	152	1782794	37.818	ng	99
50) Dimethylphthalate	9.651	163	1440011	39.187	ng	100
51) 2,6-Dinitrotoluene	9.710	165	320360	41.681	ng	95
52) Acenaphthene	9.951	154	1059440	37.644	ng	99
53) 3-Nitroaniline	9.880	138	348815	42.906	ng	99
54) 2,4-Dinitrophenol	9.986	184	138663	41.411	ng	96
55) Dibenzofuran	10.128	168	1616556	37.713	ng	99
56) 4-Nitrophenol	10.045	139	213911	39.418	ng	100
57) 2,4-Dinitrotoluene	10.116	165	398907	42.245	ng	97
58) Fluorene	10.469	166	1204122	36.578	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	360054	40.614	ng	95
60) Diethylphthalate	10.351	149	1349899	38.901	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	592138	36.702	ng	98
62) 4-Nitroaniline	10.504	138	300976	43.074	ng	95
63) Azobenzene	10.627	77	1518581	38.005	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	227534	45.656	ng	86
66) n-Nitrosodiphenylamine	10.586	169	1119984	38.897	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	398954	40.964	ng	99
68) Hexachlorobenzene	11.016	284	408909	41.569	ng	98
69) Atrazine	11.122	200	365467	41.752	ng	97
70) Pentachlorophenol	11.216	266	257482	43.300	ng	99
71) Phenanthrene	11.439	178	1864784	38.320	ng	100
72) Anthracene	11.492	178	1922873	38.473	ng	100
73) Carbazole	11.651	167	1670770	39.026	ng	100
74) Di-n-butylphthalate	11.986	149	2017553	39.610	ng	99
75) Fluoranthene	12.633	202	1802333	37.890	ng	99
77) Benzidine	12.763	184	515787	44.762	ng	98
78) Pyrene	12.863	202	1813403	39.250	ng	99
80) Butylbenzylphthalate	13.498	149	573597	48.613	ng	98
81) Benzo(a)anthracene	14.063	228	1296184	39.276	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	421282	47.936	ng	99
83) Chrysene	14.104	228	1292841	38.761	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	683736	45.591	ng	99
85) Di-n-octyl phthalate	14.692	149	1293679	45.137	ng	98
87) Indeno(1,2,3-cd)pyrene	17.239	276	1332724	40.822	ng	98
88) Benzo(b)fluoranthene	15.157	252	1203575	41.013	ng	98
89) Benzo(k)fluoranthene	15.192	252	1134025	35.977	ng	99
90) Benzo(a)pyrene	15.551	252	1146435	39.643	ng	99
91) Dibenzo(a,h)anthracene	17.262	278	1089794	41.150	ng	97
92) Benzo(g,h,i)perylene	17.727	276	1098785	40.399	ng	99

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

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