Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
Data File : BF137612.D
Acq On : 15 Mar 2024 16:33
Operator : CG\JU
Sample : PB159613BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159613BS

Quant Time: Mar 15 17:08:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	174702	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	662837	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	361357	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	592768	20.000	ng		0.00
76) Chrysene-d12	13.880	240	363148	20.000	ng		0.00
86) Perylene-d12	15.298	264	315730	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	995643	86.315	ng		0.01
7) Phenol-d6	6.369	99	1340961	80.536	ng		0.00
23) Nitrobenzene-d5	7.298	82	1172464	82.188	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	287751	90.678	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1894969	82.088	ng		0.00
79) Terphenyl-d14	12.827	244	2023816	76.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	224795	35.641	ng		97
3) Pyridine	3.157	79	515338	33.879	ng		98
4) n-Nitrosodimethylamine	3.128	42	244662	40.364	ng		94
6) Aniline	6.392	93	435225	21.392	ng		97
8) 2-Chlorophenol	6.510	128	557361	45.811	ng		97
9) Benzaldehyde	6.275	77	122849	15.060	ng		98
10) Phenol	6.381	94	751908	41.956	ng		99
11) bis(2-Chloroethyl)ether	6.469	93	570401	43.434	ng		96
12) 1,3-Dichlorobenzene	6.663	146	585591	45.043	ng		99
13) 1,4-Dichlorobenzene	6.745	146	596601	44.851	ng		97
14) 1,2-Dichlorobenzene	6.892	146	566523	46.401	ng		98
15) Benzyl Alcohol	6.875	79	483762	46.669	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	885184	39.212	ng		97
17) 2-Methylphenol	6.992	107	450083	39.535	ng		96
18) Hexachloroethane	7.234	117	207624	47.404	ng		93
19) n-Nitroso-di-n-propyla...	7.145	70	413146	40.182	ng		99
20) 3+4-Methylphenols	7.145	107	526306	40.365	ng		91
22) Acetophenone	7.139	105	730654	45.559	ng	#	97
24) Nitrobenzene	7.316	77	621312	43.356	ng		96
25) Isophorone	7.551	82	1156497	42.672	ng		98
26) 2-Nitrophenol	7.628	139	279809	49.181	ng		98
27) 2,4-Dimethylphenol	7.669	122	389015	36.593	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	696885	43.825	ng		99
29) 2,4-Dichlorophenol	7.869	162	451781	46.304	ng		97
30) 1,2,4-Trichlorobenzene	7.951	180	479999	46.750	ng		99
31) Naphthalene	8.034	128	1561468	43.906	ng		99
32) Benzoic acid	7.810	122	218112	37.251	ng		99
33) 4-Chloroaniline	8.086	127	160930	11.540	ng		98
34) Hexachlorobutadiene	8.145	225	277114	45.716	ng		99
35) Caprolactam	8.457	113	142183m	42.977	ng		
36) 4-Chloro-3-methylphenol	8.575	107	483331	44.318	ng		100
37) 2-Methylnaphthalene	8.722	142	958288	42.268	ng		99
38) 1-Methylnaphthalene	8.822	142	895227	41.930	ng		99
40) 1,2,4,5-Tetrachloroben...	8.886	216	471493	46.737	ng		99
41) Hexachlorocyclopentadiene	8.875	237	375667	90.090	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	304596	46.365	ng		98

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	313978	41.489	ng		97
46) 1,1'-Biphenyl	9.186	154	1167783	44.154	ng		99
47) 2-Chloronaphthalene	9.210	162	920989	45.674	ng		100
48) 2-Nitroaniline	9.310	65	314759	45.925	ng		96
49) Acenaphthylene	9.622	152	1450673	44.954	ng		99
50) Dimethylphthalate	9.492	163	1096537	43.592	ng		99
51) 2,6-Dinitrotoluene	9.557	165	244086	46.392	ng	#	85
52) Acenaphthene	9.792	154	814115	42.258	ng		99
53) 3-Nitroaniline	9.722	138	117680	21.146	ng		96
54) 2,4-Dinitrophenol	9.833	184	213563	82.890	ng		96
55) Dibenzofuran	9.969	168	1244208	42.402	ng		99
56) 4-Nitrophenol	9.892	139	323334	81.570	ng		97
57) 2,4-Dinitrotoluene	9.957	165	302206	46.752	ng		95
58) Fluorene	10.310	166	941923	41.799	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	269720	44.445	ng		97
60) Diethylphthalate	10.192	149	1031893	43.440	ng		99
61) 4-Chlorophenyl-phenyle...	10.304	204	461022	41.744	ng		95
62) 4-Nitroaniline	10.339	138	198458	41.491	ng		95
63) Azobenzene	10.463	77	1115848	40.795	ng		99
65) 4,6-Dinitro-2-methylph...	10.363	198	177220	53.642	ng		93
66) n-Nitrosodiphenylamine	10.428	169	853503	44.714	ng		98
67) 4-Bromophenyl-phenylether	10.792	248	294709	45.647	ng		97
68) Hexachlorobenzene	10.851	284	325277	49.882	ng		96
69) Atrazine	10.957	200	278984	48.079	ng		99
70) Pentachlorophenol	11.051	266	338315	85.822	ng		99
71) Phenanthrene	11.269	178	1401800	43.454	ng		99
72) Anthracene	11.322	178	1442288	43.531	ng		99
73) Carbazole	11.480	167	1283586	45.228	ng		99
74) Di-n-butylphthalate	11.810	149	1517474	44.941	ng		100
75) Fluoranthene	12.457	202	1408808	44.677	ng		97
77) Benzidine	12.586	184	283892	31.944	ng		98
78) Pyrene	12.680	202	1443057	40.498	ng		99
80) Butylbenzylphthalate	13.304	149	532373	58.501	ng		100
81) Benzo(a)anthracene	13.868	228	1130005	44.396	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	217841	32.139	ng		99
83) Chrysene	13.910	228	1145267	44.520	ng		99
84) Bis(2-ethylhexyl)phtha...	13.863	149	682034	58.966	ng		99
85) Di-n-octyl phthalate	14.474	149	1138781	50.724	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	936119	45.055	ng		98
88) Benzo(b)fluoranthene	14.892	252	974015	52.151	ng		99
89) Benzo(k)fluoranthene	14.921	252	895953	44.663	ng		99
90) Benzo(a)pyrene	15.239	252	847002	46.020	ng		99
91) Dibenzo(a,h)anthracene	16.704	278	741531	43.996	ng		98
92) Benzo(g,h,i)perylene	17.104	276	745212	43.052	ng		99

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

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