Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141659.D
Acq On : 18 Feb 2025 13:53
Operator : RC/JU
Sample : PB166751BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166751BS

Quant Time: Feb 18 14:50:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	92496	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	370113	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	201866	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	343799	20.000	ng		-0.01
76) Chrysene-d12	13.939	240	230469	20.000	ng		-0.02
86) Perylene-d12	15.380	264	180550	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	755117	127.987	ng		0.00
7) Phenol-d6	6.428	99	933283	125.155	ng		-0.01
23) Nitrobenzene-d5	7.345	82	611176	86.130	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	268217	132.268	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1162189	88.698	ng		-0.01
79) Terphenyl-d14	12.886	244	1356746	99.381	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	97094	40.889	ng		96
3) Pyridine	3.322	79	224133	39.665	ng		95
4) n-Nitrosodimethylamine	3.275	42	146542	39.166	ng		92
6) Aniline	6.445	93	232525	33.241	ng	#	76
8) 2-Chlorophenol	6.569	128	270056	42.361	ng		100
9) Benzaldehyde	6.334	77	119915	30.261	ng		97
10) Phenol	6.440	94	314864	40.568	ng		95
11) bis(2-Chloroethyl)ether	6.516	93	259864	44.577	ng		98
12) 1,3-Dichlorobenzene	6.722	146	283528	42.127	ng		98
13) 1,4-Dichlorobenzene	6.798	146	288631	41.974	ng		99
14) 1,2-Dichlorobenzene	6.951	146	275276	43.132	ng		98
15) Benzyl Alcohol	6.928	79	226245	39.564	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	393419	39.424	ng		74
17) 2-Methylphenol	7.045	107	210976	42.289	ng		97
18) Hexachloroethane	7.287	117	109235	42.923	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	185857	41.667	ng		95
20) 3+4-Methylphenols	7.198	107	273555	43.146	ng		97
22) Acetophenone	7.192	105	409039	44.428	ng		95
24) Nitrobenzene	7.369	77	284231	41.077	ng		98
25) Isophorone	7.604	82	492248	43.507	ng		98
26) 2-Nitrophenol	7.681	139	143842	41.784	ng		95
27) 2,4-Dimethylphenol	7.722	122	214567	53.353	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	306232	42.239	ng		99
29) 2,4-Dichlorophenol	7.934	162	229356	42.209	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	243238	41.107	ng		99
31) Naphthalene	8.086	128	778477	40.407	ng		100
32) Benzoic acid	7.869	122	163183	39.064	ng		98
33) 4-Chloroaniline	8.145	127	66886m	9.944	ng		
34) Hexachlorobutadiene	8.198	225	150323	42.317	ng		100
35) Caprolactam	8.510	113	79246m	47.899	ng		
36) 4-Chloro-3-methylphenol	8.633	107	247291	41.084	ng		100
37) 2-Methylnaphthalene	8.775	142	494536	39.446	ng		100
38) 1-Methylnaphthalene	8.875	142	476063	39.207	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	270711	46.353	ng		99
41) Hexachlorocyclopentadiene	8.928	237	271793	139.919	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	160992	42.651	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	168649	41.226	ng	98
46) 1,1'-Biphenyl	9.239	154	717426	45.841	ng	100
47) 2-Chloronaphthalene	9.263	162	489548	42.301	ng	99
48) 2-Nitroaniline	9.369	65	160668	41.368	ng	96
49) Acenaphthylene	9.680	152	748287	43.471	ng	99
50) Dimethylphthalate	9.545	163	586460	42.794	ng	99
51) 2,6-Dinitrotoluene	9.610	165	130976	43.720	ng	93
52) Acenaphthene	9.851	154	474720	41.022	ng	99
53) 3-Nitroaniline	9.780	138	76996	23.879	ng	95
54) 2,4-Dinitrophenol	9.892	184	146783	82.439	ng	93
55) Dibenzofuran	10.022	168	679939	40.029	ng	100
56) 4-Nitrophenol	9.957	139	192902	80.591	ng	96
57) 2,4-Dinitrotoluene	10.016	165	173135	43.412	ng	97
58) Fluorene	10.369	166	553431	42.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	143574	40.766	ng	98
60) Diethylphthalate	10.239	149	566321	42.002	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	265532	42.025	ng	99
62) 4-Nitroaniline	10.392	138	129419	39.528	ng	99
63) Azobenzene	10.516	77	545393	40.688	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	97048	40.636	ng	98
66) n-Nitrosodiphenylamine	10.480	169	483837	43.964	ng	100
67) 4-Bromophenyl-phenylether	10.845	248	165486	43.068	ng	96
68) Hexachlorobenzene	10.916	284	180687	45.667	ng	97
69) Atrazine	11.010	200	180041	54.531	ng	99
70) Pentachlorophenol	11.116	266	185990	73.515	ng	99
71) Phenanthrene	11.327	178	825827	43.638	ng	100
72) Anthracene	11.380	178	851936	44.783	ng	100
73) Carbazole	11.539	167	734904	42.933	ng	100
74) Di-n-butylphthalate	11.863	149	872481	44.143	ng	100
75) Fluoranthene	12.516	202	858509	42.789	ng	100
77) Benzidine	12.639	184	281728	55.427	ng	99
78) Pyrene	12.745	202	875150	44.607	ng	100
80) Butylbenzylphthalate	13.363	149	327037	48.126	ng	98
81) Benzo(a)anthracene	13.933	228	676268	44.143	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	124517	28.373	ng	100
83) Chrysene	13.968	228	592750	41.903	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	408448	53.292	ng	100
85) Di-n-octyl phthalate	14.527	149	559146	51.140	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	552655	49.539	ng	99
88) Benzo(b)fluoranthene	14.968	252	520846	42.963	ng	100
89) Benzo(k)fluoranthene	14.992	252	453295	43.788	ng	99
90) Benzo(a)pyrene	15.321	252	448166	45.687	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	448701	49.637	ng	99
92) Benzo(g,h,i)perylene	17.245	276	438472	46.352	ng	99

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

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