Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141736.D
Acq On : 24 Feb 2025 10:51
Operator : RC/JU
Sample : PB166821BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166821BS

Quant Time: Feb 24 11:36:31 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	88378	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	351639	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	189657	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	317883	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	177373	20.000	ng		-0.02
86) Perylene-d12	15.380	264	170304	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	797295	141.433	ng		0.00
7) Phenol-d6	6.428	99	975957	136.975	ng		-0.01
23) Nitrobenzene-d5	7.345	82	637533	94.565	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	272092	142.816	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1222043	99.270	ng		-0.01
79) Terphenyl-d14	12.886	244	1228188	116.895	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	95823	42.234	ng		94
3) Pyridine	3.310	79	216295	40.062	ng		94
4) n-Nitrosodimethylamine	3.252	42	137139	38.361	ng		91
6) Aniline	6.446	93	236429	35.374	ng	#	80
8) 2-Chlorophenol	6.569	128	276517	45.395	ng		99
9) Benzaldehyde	6.334	77	111813	29.531	ng		95
10) Phenol	6.440	94	321873	43.404	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	254694	45.725	ng		99
12) 1,3-Dichlorobenzene	6.722	146	283733	44.121	ng		97
13) 1,4-Dichlorobenzene	6.798	146	290953	44.283	ng		98
14) 1,2-Dichlorobenzene	6.951	146	279546	45.842	ng		98
15) Benzyl Alcohol	6.928	79	226881	41.524	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	390677	40.973	ng		75
17) 2-Methylphenol	7.045	107	213098	44.705	ng		98
18) Hexachloroethane	7.287	117	107799	44.333	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	185793	43.594	ng		94
20) 3+4-Methylphenols	7.198	107	271630	44.839	ng		96
22) Acetophenone	7.193	105	415750	47.529	ng		93
24) Nitrobenzene	7.369	77	279284	42.483	ng		97
25) Isophorone	7.604	82	501543	46.657	ng		98
26) 2-Nitrophenol	7.681	139	146299	44.730	ng		93
27) 2,4-Dimethylphenol	7.722	122	216779	56.735	ng		98
28) bis(2-Chloroethoxy)met...	7.816	93	309281	44.901	ng		100
29) 2,4-Dichlorophenol	7.928	162	228684	44.296	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	247120	43.957	ng		99
31) Naphthalene	8.087	128	779107	42.565	ng		100
32) Benzoic acid	7.869	122	167287m	42.150	ng		
33) 4-Chloroaniline	8.140	127	98498	15.413	ng		99
34) Hexachlorobutadiene	8.198	225	152020	45.043	ng		100
35) Caprolactam	8.510	113	75955m	48.322	ng		
36) 4-Chloro-3-methylphenol	8.634	107	240098	41.985	ng		97
37) 2-Methylnaphthalene	8.775	142	501872	42.135	ng		100
38) 1-Methylnaphthalene	8.875	142	486703	42.189	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	276726	50.433	ng		99
41) Hexachlorocyclopentadiene	8.928	237	261830	143.467	ng		99
43) 2,4,6-Trichlorophenol	9.057	196	153510	43.287	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	166600	43.347	ng	99
46) 1,1'-Biphenyl	9.239	154	724347	49.263	ng	100
47) 2-Chloronaphthalene	9.263	162	491130	45.170	ng	99
48) 2-Nitroaniline	9.363	65	155591	42.639	ng	98
49) Acenaphthylene	9.675	152	755581	46.721	ng	99
50) Dimethylphthalate	9.539	163	576555	44.780	ng	100
51) 2,6-Dinitrotoluene	9.604	165	127409	45.267	ng	98
52) Acenaphthene	9.851	154	470618	43.285	ng	99
53) 3-Nitroaniline	9.775	138	72738	24.011	ng	97
54) 2,4-Dinitrophenol	9.892	184	142970	85.467	ng	90
55) Dibenzofuran	10.022	168	677271	42.439	ng	99
56) 4-Nitrophenol	9.957	139	163259	72.598	ng	94
57) 2,4-Dinitrotoluene	10.016	165	165419	44.147	ng	96
58) Fluorene	10.363	166	542919	43.999	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	143840	43.470	ng	95
60) Diethylphthalate	10.239	149	549569	43.383	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	268517	45.233	ng	97
62) 4-Nitroaniline	10.392	138	122937	39.966	ng	97
63) Azobenzene	10.516	77	523669	41.583	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	91639	41.500	ng	95
66) n-Nitrosodiphenylamine	10.475	169	473503	46.533	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	164507	46.304	ng	99
68) Hexachlorobenzene	10.910	284	173880	47.529	ng	99
69) Atrazine	11.004	200	177302	58.080	ng	99
70) Pentachlorophenol	11.116	266	170587	72.924	ng	99
71) Phenanthrene	11.328	178	778692	44.502	ng	100
72) Anthracene	11.375	178	809814	46.039	ng	100
73) Carbazole	11.533	167	673754	42.570	ng	99
74) Di-n-butylphthalate	11.863	149	811133	44.385	ng	100
75) Fluoranthene	12.510	202	756379	40.772	ng	99
77) Benzidine	12.639	184	185971	47.540	ng	99
78) Pyrene	12.739	202	752211	49.818	ng	100
80) Butylbenzylphthalate	13.357	149	257579	49.251	ng	99
81) Benzo(a)anthracene	13.927	228	530233	44.971	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	101741	30.123	ng	99
83) Chrysene	13.963	228	502163	46.126	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	310125	52.576	ng	99
85) Di-n-octyl phthalate	14.521	149	470518	55.916	ng	97
87) Indeno(1,2,3-cd)pyrene	16.821	276	561382	53.349	ng	98
88) Benzo(b)fluoranthene	14.963	252	505746	44.228	ng	99
89) Benzo(k)fluoranthene	14.992	252	387388	39.673	ng	99
90) Benzo(a)pyrene	15.321	252	435973	47.117	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	458564	53.781	ng	99
92) Benzo(g,h,i)perylene	17.251	276	446056	49.991	ng	99

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

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