Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
Data File : BF141657.D
Acq On : 18 Feb 2025 11:20
Operator : RC/JU
Sample : PB166741BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166741BS

Quant Time: Feb 18 11:45:38 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	96361	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	384253	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	209117	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	354816	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	223389	20.000	ng		-0.02
86) Perylene-d12	15.386	264	181927	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	773569	125.856	ng		0.00
7) Phenol-d6	6.428	99	945772	121.742	ng		-0.01
23) Nitrobenzene-d5	7.351	82	633664	86.013	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	274164	130.512	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1181228	87.025	ng		-0.01
79) Terphenyl-d14	12.886	244	1339442	101.223	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	96806	39.132	ng		100
3) Pyridine	3.322	79	226856	38.537	ng		97
4) n-Nitrosodimethylamine	3.275	42	148600	38.123	ng		93
6) Aniline	6.445	93	238934	32.787	ng	#	67
8) 2-Chlorophenol	6.569	128	277353	41.761	ng		100
9) Benzaldehyde	6.334	77	123623	29.945	ng		99
10) Phenol	6.439	94	328071	40.574	ng		95
11) bis(2-Chloroethyl)ether	6.522	93	268256	44.170	ng		99
12) 1,3-Dichlorobenzene	6.722	146	287917	41.063	ng		98
13) 1,4-Dichlorobenzene	6.798	146	296593	41.402	ng		99
14) 1,2-Dichlorobenzene	6.951	146	278885	41.945	ng		100
15) Benzyl Alcohol	6.928	79	234334	39.335	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	405909	39.044	ng		71
17) 2-Methylphenol	7.045	107	214096	41.193	ng		97
18) Hexachloroethane	7.292	117	109593	41.336	ng		96
19) n-Nitroso-di-n-propyla...	7.198	70	190757	41.050	ng		96
20) 3+4-Methylphenols	7.204	107	279217	42.273	ng	#	78
22) Acetophenone	7.192	105	429802	44.965	ng	#	94
24) Nitrobenzene	7.369	77	287257	39.987	ng		98
25) Isophorone	7.604	82	506884	43.152	ng		98
26) 2-Nitrophenol	7.681	139	148911	41.664	ng		95
27) 2,4-Dimethylphenol	7.728	122	219867	52.659	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	310226	41.215	ng		99
29) 2,4-Dichlorophenol	7.934	162	235933	41.822	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	250878	40.838	ng		99
31) Naphthalene	8.086	128	798303	39.912	ng		100
32) Benzoic acid	7.869	122	167497	38.621	ng		99
33) 4-Chloroaniline	8.151	127	69552m	9.960	ng		
34) Hexachlorobutadiene	8.198	225	152481	41.344	ng		99
35) Caprolactam	8.510	113	80134m	46.654	ng		
36) 4-Chloro-3-methylphenol	8.633	107	250442	40.077	ng		99
37) 2-Methylnaphthalene	8.775	142	508243	39.048	ng		99
38) 1-Methylnaphthalene	8.875	142	494765	39.248	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	272329	45.013	ng		97
41) Hexachlorocyclopentadiene	8.928	237	282560	140.418	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	164962	42.188	ng		99

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44) 2,4,5-Trichlorophenol	9.110	196	173660	40.979	ng	98
46) 1,1'-Biphenyl	9.239	154	738293	45.539	ng	99
47) 2-Chloronaphthalene	9.269	162	495954	41.369	ng	99
48) 2-Nitroaniline	9.369	65	162501	40.389	ng	96
49) Acenaphthylene	9.680	152	775638	43.498	ng	99
50) Dimethylphthalate	9.545	163	601454	42.367	ng	100
51) 2,6-Dinitrotoluene	9.610	165	129231	41.641	ng	98
52) Acenaphthene	9.851	154	484864	40.446	ng	100
53) 3-Nitroaniline	9.780	138	81377	24.363	ng	97
54) 2,4-Dinitrophenol	9.892	184	139999	75.903	ng	95
55) Dibenzofuran	10.027	168	701741	39.880	ng	99
56) 4-Nitrophenol	9.963	139	191776	77.343	ng	96
57) 2,4-Dinitrotoluene	10.016	165	175091	42.380	ng	98
58) Fluorene	10.369	166	556060	40.870	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	147196	40.345	ng	97
60) Diethylphthalate	10.245	149	577505	41.346	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	273204	41.740	ng	99
62) 4-Nitroaniline	10.398	138	130062	38.347	ng	97
63) Azobenzene	10.522	77	555386	39.997	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	95151	38.605	ng	93
66) n-Nitrosodiphenylamine	10.480	169	491117	43.240	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	172383	43.470	ng	98
68) Hexachlorobenzene	10.916	284	182238	44.629	ng	99
69) Atrazine	11.010	200	181424	53.244	ng	99
70) Pentachlorophenol	11.116	266	188338	72.132	ng	99
71) Phenanthrene	11.327	178	835841	42.795	ng	100
72) Anthracene	11.380	178	857767	43.689	ng	100
73) Carbazole	11.539	167	739768	41.875	ng	100
74) Di-n-butylphthalate	11.863	149	884696	43.371	ng	100
75) Fluoranthene	12.516	202	858807	41.475	ng	100
77) Benzidine	12.639	184	263647	53.514	ng	99
78) Pyrene	12.745	202	869851	45.742	ng	100
80) Butylbenzylphthalate	13.363	149	319199	48.461	ng	98
81) Benzo(a)anthracene	13.933	228	647648	43.614	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	124826	29.345	ng	98
83) Chrysene	13.968	228	583447	42.553	ng	100
84) Bis(2-ethylhexyl)phtha...	13.921	149	384895	51.811	ng	99
85) Di-n-octyl phthalate	14.533	149	534948	50.477	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	562758	50.063	ng	100
88) Benzo(b)fluoranthene	14.968	252	472329	38.666	ng	99
89) Benzo(k)fluoranthene	14.998	252	474260	45.467	ng	100
90) Benzo(a)pyrene	15.327	252	446728	45.195	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	451071	49.522	ng	99
92) Benzo(g,h,i)perylene	17.251	276	445508	46.740	ng	100

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

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