Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024992.D
Acq On : 18 Jun 2025 13:20
Operator : RC/JU
Sample : PB168517BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168517BS

Quant Time: Jun 18 14:54:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.602	152	272700	20.000	ng		-0.01
21) Naphthalene-d8	10.378	136	1048580	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	650946	20.000	ng		0.00
64) Phenanthrene-d10	17.072	188	1292108	20.000	ng		0.01
76) Chrysene-d12	21.501	240	1338303	20.000	ng		0.02
86) Perylene-d12	24.783	264	1537396	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	2389286	146.249	ng		0.00
7) Phenol-d6	6.813	99	2962601	137.058	ng		0.00
23) Nitrobenzene-d5	8.760	82	1833407	84.963	ng		0.00
42) 2,4,6-Tribromophenol	15.789	330	1335435	148.387	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	3985147	82.472	ng		0.00
79) Terphenyl-d14	19.789	244	6643071	88.964	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	276967	38.529	ng		99
3) Pyridine	3.561	79	717293	41.491	ng		100
4) n-Nitrosodimethylamine	3.478	42	323903	45.829	ng		95
6) Aniline	6.949	93	1183040	42.887	ng		100
8) 2-Chlorophenol	7.184	128	899642	48.576	ng		99
9) Benzaldehyde	6.766	77	611278	49.063	ng		99
10) Phenol	6.843	94	1069116	47.978	ng		97
11) bis(2-Chloroethyl)ether	7.043	93	806286	46.004	ng		100
12) 1,3-Dichlorobenzene	7.496	146	929525	44.990	ng		99
13) 1,4-Dichlorobenzene	7.637	146	954062	45.766	ng		100
14) 1,2-Dichlorobenzene	7.949	146	910806	44.493	ng		100
15) Benzyl Alcohol	7.855	79	765269	46.130	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1025463	44.703	ng		99
17) 2-Methylphenol	8.072	107	723361	46.486	ng		98
18) Hexachloroethane	8.660	117	357943	45.606	ng		98
19) n-Nitroso-di-n-propyla...	8.408	70	618846	42.114	ng		100
20) 3+4-Methylphenols	8.402	107	979680	46.146	ng		98
22) Acetophenone	8.431	105	1241303	46.855	ng	#	98
24) Nitrobenzene	8.802	77	918383	47.906	ng		99
25) Isophorone	9.325	82	1730814	46.280	ng		99
26) 2-Nitrophenol	9.507	139	477916	50.527	ng		99
27) 2,4-Dimethylphenol	9.584	122	793696	49.030	ng		98
28) bis(2-Chloroethoxy)met...	9.796	93	1052208	47.166	ng		98
29) 2,4-Dichlorophenol	10.060	162	797269	51.329	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	813246	46.421	ng		99
31) Naphthalene	10.425	128	2519490	46.887	ng		100
32) Benzoic acid	9.790	122	563798	51.539	ng		97
33) 4-Chloroaniline	10.554	127	1005163	44.648	ng		99
34) Hexachlorobutadiene	10.702	225	498038	47.167	ng		100
35) Caprolactam	11.366	113	296932	51.934	ng		95
36) 4-Chloro-3-methylphenol	11.707	107	900916	50.287	ng		99
37) 2-Methylnaphthalene	12.049	142	1595788	46.817	ng		100
38) 1-Methylnaphthalene	12.266	142	1675871	45.988	ng		98
40) 1,2,4,5-Tetrachloroben...	12.419	216	885738	47.953	ng		99
41) Hexachlorocyclopentadiene	12.390	237	980625	87.042	ng		99
43) 2,4,6-Trichlorophenol	12.684	196	641147	51.687	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	697957	52.539	ng	98
46) 1,1'-Biphenyl	13.072	154	2272069	48.029	ng	100
47) 2-Chloronaphthalene	13.113	162	1749765	48.126	ng	100
48) 2-Nitroaniline	13.343	65	590169	52.798	ng	97
49) Acenaphthylene	13.972	152	2921667	48.194	ng	100
50) Dimethylphthalate	13.713	163	2386700	49.703	ng	100
51) 2,6-Dinitrotoluene	13.848	165	533701	51.556	ng	99
52) Acenaphthene	14.319	154	1689171	48.625	ng	99
53) 3-Nitroaniline	14.190	138	513677	47.816	ng	96
54) 2,4-Dinitrophenol	14.413	184	702487	102.531	ng	99
55) Dibenzofuran	14.660	168	2655829	47.628	ng	98
56) 4-Nitrophenol	14.554	139	779689	85.342	ng	98
57) 2,4-Dinitrotoluene	14.654	165	766095	52.905	ng	96
58) Fluorene	15.325	166	2208221	49.022	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	606063	51.061	ng	99
60) Diethylphthalate	15.107	149	2431847	50.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1093111	49.630	ng	96
62) 4-Nitroaniline	15.378	138	551218	56.589	ng	93
63) Azobenzene	15.613	77	2216310	50.496	ng	98
65) 4,6-Dinitro-2-methylph...	15.448	198	449042	52.889	ng	99
66) n-Nitrosodiphenylamine	15.542	169	1974022	49.290	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	716775	49.164	ng	98
68) Hexachlorobenzene	16.360	284	845674	47.848	ng	99
69) Atrazine	16.531	200	756931	52.135	ng	98
70) Pentachlorophenol	16.731	266	1037814	113.456	ng	99
71) Phenanthrene	17.113	178	3519496	49.290	ng	99
72) Anthracene	17.201	178	3612261	49.951	ng	99
73) Carbazole	17.501	167	3439549	51.314	ng	100
74) Di-n-butylphthalate	18.078	149	4306573	51.856	ng	100
75) Fluoranthene	19.201	202	4103526	49.583	ng	100
77) Benzidine	19.401	184	3540696	85.423	ng	100
78) Pyrene	19.578	202	4245163	50.774	ng	100
80) Butylbenzylphthalate	20.525	149	2063043	53.869	ng	98
81) Benzo(a)anthracene	21.483	228	4277958	49.979	ng	100
82) 3,3'-Dichlorobenzidine	21.413	252	1527708	44.957	ng	99
83) Chrysene	21.554	228	4092888	50.465	ng	100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2938575	53.554	ng	99
85) Di-n-octyl phthalate	22.654	149	5113773	52.874	ng	99
87) Indeno(1,2,3-cd)pyrene	28.512	276	5538832	49.378	ng	99
88) Benzo(b)fluoranthene	23.742	252	4425505m	50.298	ng	
89) Benzo(k)fluoranthene	23.807	252	4543262	50.728	ng	99
90) Benzo(a)pyrene	24.624	252	4381759	50.995	ng	100
91) Dibenzo(a,h)anthracene	28.571	278	4550884	49.843	ng	99
92) Benzo(g,h,i)perylene	29.665	276	4439895	49.010	ng	98

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

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