Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024989.D
Acq On : 18 Jun 2025 11:17
Operator : RC/JU
Sample : PB168509BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168509BS

Quant Time: Jun 18 11:50:53 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	7.608	152	309420	20.000	ng		0.00
21) Naphthalene-d8	10.378	136	1193314	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	709072	20.000	ng		0.00
64) Phenanthrene-d10	17.066	188	1338627	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1331587	20.000	ng		0.01
86) Perylene-d12	24.777	264	1579124	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.243	112	2704169	145.879	ng		0.00
7) Phenol-d6	6.819	99	3345661	136.411	ng		0.00
23) Nitrobenzene-d5	8.766	82	2080312	84.713	ng		0.00
42) 2,4,6-Tribromophenol	15.790	330	1389795	141.768	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	4501012	85.512	ng		0.00
79) Terphenyl-d14	19.789	244	6601913	88.858	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	308068	37.770	ng		99
3) Pyridine	3.561	79	805939	41.087	ng		100
4) n-Nitrosodimethylamine	3.478	42	361871	45.125	ng		97
6) Aniline	6.949	93	973946	31.117	ng		100
8) 2-Chlorophenol	7.190	128	1027438	48.893	ng		99
9) Benzaldehyde	6.766	77	682049	48.246	ng		99
10) Phenol	6.843	94	1213888	48.010	ng		99
11) bis(2-Chloroethyl)ether	7.043	93	940203	47.279	ng		98
12) 1,3-Dichlorobenzene	7.496	146	1072780	45.762	ng		99
13) 1,4-Dichlorobenzene	7.643	146	1082870	45.780	ng		99
14) 1,2-Dichlorobenzene	7.955	146	1052099	45.296	ng		100
15) Benzyl Alcohol	7.861	79	864354	45.919	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1206921	46.369	ng		99
17) 2-Methylphenol	8.072	107	824188	46.680	ng		98
18) Hexachloroethane	8.660	117	414158	46.506	ng		97
19) n-Nitroso-di-n-propyla...	8.413	70	707817	42.452	ng		100
20) 3+4-Methylphenols	8.402	107	1093103	45.378	ng		98
22) Acetophenone	8.431	105	1422096	47.168	ng	#	99
24) Nitrobenzene	8.808	77	1046154	47.953	ng		99
25) Isophorone	9.325	82	1952701	45.881	ng		99
26) 2-Nitrophenol	9.508	139	544012	50.539	ng		98
27) 2,4-Dimethylphenol	9.584	122	898232	48.757	ng		98
28) bis(2-Chloroethoxy)met...	9.802	93	1207815	47.574	ng		99
29) 2,4-Dichlorophenol	10.066	162	906305	51.272	ng		98
30) 1,2,4-Trichlorobenzene	10.243	180	937229	47.009	ng		99
31) Naphthalene	10.425	128	2861158	46.787	ng		99
32) Benzoic acid	9.796	122	663726m	53.315	ng		
33) 4-Chloroaniline	10.560	127	693245	27.058	ng		99
34) Hexachlorobutadiene	10.702	225	575351	47.881	ng		99
35) Caprolactam	11.366	113	307041	47.188	ng		98
36) 4-Chloro-3-methylphenol	11.713	107	989405	48.528	ng		99
37) 2-Methylnaphthalene	12.049	142	1801384	46.439	ng		100
38) 1-Methylnaphthalene	12.272	142	1904088	45.913	ng		99
40) 1,2,4,5-Tetrachloroben...	12.425	216	1005861	49.992	ng		99
41) Hexachlorocyclopentadiene	12.396	237	1126578	91.800	ng		99
43) 2,4,6-Trichlorophenol	12.690	196	699672	51.781	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024989.D
Acq On : 18 Jun 2025 11:17
Operator : RC/JU
Sample : PB168509BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168509BS

Quant Time: Jun 18 11:50:53 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)
44) 2,4,5-Trichlorophenol	12.778	196	764616	52.839	ng		99
46) 1,1'-Biphenyl	13.078	154	2524113	48.983	ng		100
47) 2-Chloronaphthalene	13.119	162	1944096	49.087	ng		100
48) 2-Nitroaniline	13.343	65	632337	51.933	ng		99
49) Acenaphthylene	13.978	152	3232731	48.954	ng		100
50) Dimethylphthalate	13.719	163	2531055	48.389	ng		100
51) 2,6-Dinitrotoluene	13.843	165	564954	50.101	ng		96
52) Acenaphthene	14.319	154	1834580	48.482	ng		99
53) 3-Nitroaniline	14.190	138	363148	31.033	ng		99
54) 2,4-Dinitrophenol	14.419	184	719127	96.691	ng		94
55) Dibenzofuran	14.666	168	2877777	47.378	ng		99
56) 4-Nitrophenol	14.560	139	798417	80.552	ng		99
57) 2,4-Dinitrotoluene	14.654	165	785424	49.793	ng		96
58) Fluorene	15.325	166	2378210	48.467	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	649158	50.209	ng		99
60) Diethylphthalate	15.101	149	2542199	48.767	ng		99
61) 4-Chlorophenyl-phenyle...	15.319	204	1164492	48.537	ng		97
62) 4-Nitroaniline	15.378	138	535159	50.437	ng		93
63) Azobenzene	15.619	77	2370428	49.580	ng		98
65) 4,6-Dinitro-2-methylph...	15.442	198	452862	51.485	ng		94
66) n-Nitrosodiphenylamine	15.542	169	2074398	49.996	ng		100
67) 4-Bromophenyl-phenylether	16.231	248	759046	50.254	ng		98
68) Hexachlorobenzene	16.360	284	887262	48.456	ng		98
69) Atrazine	16.525	200	763110	50.734	ng		100
70) Pentachlorophenol	16.725	266	1083016	114.283	ng		98
71) Phenanthrene	17.107	178	3545911	47.934	ng		100
72) Anthracene	17.201	178	3662891	48.891	ng		99
73) Carbazole	17.489	167	3452964	49.724	ng		100
74) Di-n-butylphthalate	18.072	149	4352822	50.592	ng		99
75) Fluoranthene	19.195	202	4094838	47.759	ng		99
77) Benzidine	19.401	184	1983301	48.090	ng		99
78) Pyrene	19.578	202	4198037	50.463	ng		100
80) Butylbenzylphthalate	20.519	149	2039190	53.514	ng		98
81) Benzo(a)anthracene	21.477	228	4248221	49.882	ng		100
82) 3,3'-Dichlorobenzidine	21.413	252	1156750	34.212	ng		99
83) Chrysene	21.548	228	4021634	49.836	ng		99
84) Bis(2-ethylhexyl)phtha...	21.407	149	2977758	54.542	ng		100
85) Di-n-octyl phthalate	22.648	149	5200346	54.040	ng		100
87) Indeno(1,2,3-cd)pyrene	28.495	276	5592265	48.537	ng	#	77
88) Benzo(b)fluoranthene	23.730	252	4361125m	48.257	ng		
89) Benzo(k)fluoranthene	23.807	252	4588751	49.882	ng		99
90) Benzo(a)pyrene	24.613	252	4350004	49.288	ng		100
91) Dibenzo(a,h)anthracene	28.559	278	4586767	48.908	ng		99
92) Benzo(g,h,i)perylene	29.648	276	4440584	47.722	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024989.D
Acq On : 18 Jun 2025 11:17
Operator : RC/JU
Sample : PB168509BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168509BS

Quant Time: Jun 18 11:50:53 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