Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025366.D
Acq On : 12 Aug 2025 14:17
Operator : CG/JU
Sample : PB169162BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169162BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Quant Time: Aug 12 14:40:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	208464	20.000	ng	0.00
21) Naphthalene-d8	10.578	136	825400	20.000	ng	0.00
39) Acenaphthene-d10	14.431	164	479211	20.000	ng	0.01
64) Phenanthrene-d10	17.231	188	879995	20.000	ng	0.00
76) Chrysene-d12	21.683	240	895622	20.000	ng	0.02
86) Perylene-d12	25.077	264	1109113	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1542219	118.987	ng	0.00
7) Phenol-d6	6.972	99	1859188	108.992	ng	0.00
23) Nitrobenzene-d5	8.943	82	1167998	78.396	ng	0.00
42) 2,4,6-Tribromophenol	15.942	330	669293	140.000	ng	0.02
45) 2-Fluorobiphenyl	13.043	172	2657968	76.609	ng	0.01
79) Terphenyl-d14	19.948	244	3551775	74.904	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	178870	34.971	ng	97
3) Pyridine	3.725	79	498539	35.082	ng	94
4) n-Nitrosodimethylamine	3.631	42	237136	35.944	ng	95
6) Aniline	7.131	93	718771	30.695	ng	97
8) 2-Chlorophenol	7.372	128	613785	43.263	ng	96
9) Benzaldehyde	6.943	77	317208m	26.183	ng	
10) Phenol	7.002	94	719263	39.409	ng	100
11) bis(2-Chloroethyl)ether	7.225	93	557953	39.016	ng	96
12) 1,3-Dichlorobenzene	7.696	146	658810	41.327	ng	99
13) 1,4-Dichlorobenzene	7.831	146	670843	41.595	ng	98
14) 1,2-Dichlorobenzene	8.149	146	647034	41.414	ng	99
15) Benzyl Alcohol	8.031	79	495445	37.470	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	775536	34.330	ng	97
17) 2-Methylphenol	8.237	107	489990	40.122	ng	98
18) Hexachloroethane	8.872	117	247684	42.943	ng	98
19) n-Nitroso-di-n-propyla...	8.596	70	409170	36.509	ng	94
20) 3+4-Methylphenols	8.555	107	639466	38.025	ng	100
22) Acetophenone	8.608	105	857723	41.395	ng	98
24) Nitrobenzene	8.984	77	605585	42.939	ng	97
25) Isophorone	9.507	82	1142280	38.517	ng	100
26) 2-Nitrophenol	9.690	139	307818	49.945	ng	96
27) 2,4-Dimethylphenol	9.749	122	543545	39.754	ng	96
28) bis(2-Chloroethoxy)met...	9.990	93	725369	40.207	ng	100
29) 2,4-Dichlorophenol	10.225	162	528563	44.156	ng	97
30) 1,2,4-Trichlorobenzene	10.437	180	573558	43.431	ng	97
31) Naphthalene	10.631	128	1811064	42.267	ng	99
32) Benzoic acid	9.872	122	383225	48.796	ng	98
33) 4-Chloroaniline	10.725	127	419793	22.028	ng	99
34) Hexachlorobutadiene	10.919	225	346871	45.756	ng	99
35) Caprolactam	11.501	113	178216	38.377	ng	88
36) 4-Chloro-3-methylphenol	11.849	107	559488	40.393	ng	97
37) 2-Methylnaphthalene	12.237	142	1113633	40.154	ng	99
38) 1-Methylnaphthalene	12.460	142	1168481	40.378	ng	99
40) 1,2,4,5-Tetrachloroben...	12.607	216	600260	45.880	ng	99
41) Hexachlorocyclopentadiene	12.590	237	797928	98.817	ng	100
43) 2,4,6-Trichlorophenol	12.848	196	411814	48.726	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	448527	47.308	ng		99
46) 1,1'-Biphenyl	13.248	154	1564826	44.310	ng		99
47) 2-Chloronaphthalene	13.290	162	1212445	45.000	ng		99
48) 2-Nitroaniline	13.496	65	336616	42.980	ng		90
49) Acenaphthylene	14.148	152	1976863	43.987	ng		100
50) Dimethylphthalate	13.878	163	1461886	41.847	ng		100
51) 2,6-Dinitrotoluene	13.990	165	321571	49.905	ng	#	86
52) Acenaphthene	14.495	154	1347438	49.153	ng		99
53) 3-Nitroaniline	14.319	138	247727	32.855	ng	#	95
54) 2,4-Dinitrophenol	14.531	184	343642	89.280	ng	#	48
55) Dibenzofuran	14.837	168	1786478	43.609	ng		99
56) 4-Nitrophenol	14.631	139	564767	84.870	ng		95
57) 2,4-Dinitrotoluene	14.784	165	445958	44.873	ng		98
58) Fluorene	15.490	166	1394989	43.356	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	371046	46.851	ng		98
60) Diethylphthalate	15.266	149	1461997	41.511	ng		100
61) 4-Chlorophenyl-phenyle...	15.490	204	661022	43.336	ng		96
62) 4-Nitroaniline	15.501	138	340496	45.575	ng		95
63) Azobenzene	15.784	77	1337287	40.872	ng		98
65) 4,6-Dinitro-2-methylph...	15.566	198	232943	56.162	ng		97
66) n-Nitrosodiphenylamine	15.701	169	1225849	45.750	ng		99
67) 4-Bromophenyl-phenylether	16.401	248	412799	46.621	ng		96
68) Hexachlorobenzene	16.525	284	465650	46.869	ng		99
69) Atrazine	16.684	200	427205	45.337	ng		99
70) Pentachlorophenol	16.872	266	624169	98.610	ng		99
71) Phenanthrene	17.272	178	2182885	45.290	ng		99
72) Anthracene	17.366	178	2200007	45.269	ng		100
73) Carbazole	17.636	167	2052238	43.992	ng		99
74) Di-n-butylphthalate	18.236	149	2523371	44.711	ng		99
75) Fluoranthene	19.354	202	2435585	43.652	ng		99
77) Benzidine	19.542	184	960340	29.625	ng		99
78) Pyrene	19.730	202	2540570	42.658	ng		99
80) Butylbenzylphthalate	20.683	149	1182022	48.937	ng		96
81) Benzo(a)anthracene	21.660	228	2658368	44.666	ng		100
82) 3,3'-Dichlorobenzidine	21.572	252	782545	37.266	ng		99
83) Chrysene	21.730	228	2495678	45.210	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	1827346	47.379	ng		100
85) Di-n-octyl phthalate	22.913	149	3338190	51.709	ng		97
87) Indeno(1,2,3-cd)pyrene	28.918	276	3707633m	46.639	ng		
88) Benzo(b)fluoranthene	23.989	252	2937909	44.250	ng		100
89) Benzo(k)fluoranthene	24.071	252	2921661	44.390	ng		99
90) Benzo(a)pyrene	24.907	252	2891539	45.224	ng		99
91) Dibenzo(a,h)anthracene	29.030	278	3049959	46.845	ng		100
92) Benzo(g,h,i)perylene	30.142	276	2963713	46.382	ng		98

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

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