Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050625\
Data File : BP024542.D
Acq On : 06 May 2025 11:39
Operator : RC/JU
Sample : PB167847BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167847BS

Quant Time: May 06 13:43:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	173185	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	691867	20.000	ng		#-0.02
39) Acenaphthene-d10	14.339	164	422844	20.000	ng		-0.01
64) Phenanthrene-d10	17.133	188	796267	20.000	ng		-0.01
76) Chrysene-d12	21.586	240	865226	20.000	ng		0.00
86) Perylene-d12	24.903	264	1040073	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1394464	133.134	ng		-0.01
7) Phenol-d6	6.898	99	1685575	117.527	ng		-0.01
23) Nitrobenzene-d5	8.857	82	1054066	86.872	ng		-0.01
42) 2,4,6-Tribromophenol	15.851	330	915714	156.525	ng		-0.01
45) 2-Fluorobiphenyl	12.945	172	2474114	89.587	ng		-0.02
79) Terphenyl-d14	19.862	244	3949735	92.013	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	156994	35.436	ng	#	93
3) Pyridine	3.669	79	393139	33.606	ng		92
4) n-Nitrosodimethylamine	3.581	42	193612	49.867	ng	#	75
6) Aniline	7.045	93	411001	32.070	ng		98
8) 2-Chlorophenol	7.281	128	531339	45.436	ng		99
9) Benzaldehyde	6.857	77	219895	30.995	ng		98
10) Phenol	6.922	94	610259	42.417	ng		90
11) bis(2-Chloroethyl)ether	7.134	93	465023	40.116	ng		98
12) 1,3-Dichlorobenzene	7.593	146	559968	44.478	ng		99
13) 1,4-Dichlorobenzene	7.740	146	566541	44.352	ng		99
14) 1,2-Dichlorobenzene	8.051	146	542940	44.018	ng		98
15) Benzyl Alcohol	7.945	79	420836	45.373	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	529543	42.263	ng		100
17) 2-Methylphenol	8.151	107	423682	45.522	ng		97
18) Hexachloroethane	8.769	117	214933	46.559	ng		97
19) n-Nitroso-di-n-propyla...	8.504	70	351270	39.589	ng		95
20) 3+4-Methylphenols	8.481	107	566689	43.882	ng		98
22) Acetophenone	8.522	105	738418	43.121	ng		97
24) Nitrobenzene	8.898	77	535257	44.593	ng		98
25) Isophorone	9.422	82	975688	44.425	ng		96
26) 2-Nitrophenol	9.598	139	282218	48.045	ng	#	93
27) 2,4-Dimethylphenol	9.669	122	473564	64.207	ng		98
28) bis(2-Chloroethoxy)met...	9.892	93	608966	41.045	ng		99
29) 2,4-Dichlorophenol	10.139	162	474574	47.190	ng		98
30) 1,2,4-Trichlorobenzene	10.339	180	501979	46.588	ng		99
31) Naphthalene	10.528	128	1539140	42.232	ng		99
32) Benzoic acid	9.834	122	312517	36.364	ng		98
33) 4-Chloroaniline	10.657	127	256371	19.975	ng		98
34) Hexachlorobutadiene	10.810	225	322640	50.957	ng		99
35) Caprolactam	11.445	113	157211	42.367	ng		95
36) 4-Chloro-3-methylphenol	11.781	107	533476	45.543	ng		97
37) 2-Methylnaphthalene	12.139	142	976938	38.652	ng		97
38) 1-Methylnaphthalene	12.357	142	1023990	41.413	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	550991	47.384	ng		98
41) Hexachlorocyclopentadiene	12.492	237	810647	197.113	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	383614	49.619	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	423238	49.437	ng		99
46) 1,1'-Biphenyl	13.163	154	1366759	43.974	ng		98
47) 2-Chloronaphthalene	13.204	162	1050859	45.238	ng		98
48) 2-Nitroaniline	13.416	65	321945	49.408	ng		94
49) Acenaphthylene	14.057	152	1761971	48.176	ng		100
50) Dimethylphthalate	13.792	163	1356648	44.119	ng		99
51) 2,6-Dinitrotoluene	13.916	165	305004	46.710	ng		92
52) Acenaphthene	14.404	154	1003647	43.286	ng		98
53) 3-Nitroaniline	14.251	138	282927	41.226	ng		99
54) 2,4-Dinitrophenol	14.469	184	390043	101.407	ng		89
55) Dibenzofuran	14.745	168	1580758	41.709	ng		96
56) 4-Nitrophenol	14.592	139	531606	89.691	ng		89
57) 2,4-Dinitrotoluene	14.716	165	434511	48.782	ng		95
58) Fluorene	15.398	166	1280105	43.631	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	364971	46.222	ng		98
60) Diethylphthalate	15.174	149	1381888	43.608	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	641403	45.019	ng		95
62) 4-Nitroaniline	15.439	138	326520	44.944	ng		89
63) Azobenzene	15.698	77	1203084	41.307	ng		96
65) 4,6-Dinitro-2-methylph...	15.492	198	246108	49.024	ng		95
66) n-Nitrosodiphenylamine	15.621	169	1114636	46.899	ng		99
67) 4-Bromophenyl-phenylether	16.310	248	432748	49.692	ng		97
68) Hexachlorobenzene	16.427	284	527233	50.949	ng		98
69) Atrazine	16.598	200	401760	66.372	ng		99
70) Pentachlorophenol	16.786	266	708770	98.178	ng		100
71) Phenanthrene	17.180	178	1962018	45.168	ng		100
72) Anthracene	17.274	178	1997004	47.700	ng		99
73) Carbazole	17.563	167	1867926	45.663	ng		99
74) Di-n-butylphthalate	18.145	149	2363542	46.377	ng		99
75) Fluoranthene	19.274	202	2287090	44.269	ng		97
77) Benzidine	19.480	184	1093517	99.705	ng		99
78) Pyrene	19.651	202	2377772	43.243	ng		99
80) Butylbenzylphthalate	20.598	149	1111524	47.195	ng		98
81) Benzo(a)anthracene	21.568	228	2484256	46.194	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	604643	32.033	ng		99
83) Chrysene	21.633	228	2316361	44.958	ng		99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1607734	46.566	ng		99
85) Di-n-octyl phthalate	22.768	149	2830018	50.419	ng		100
87) Indeno(1,2,3-cd)pyrene	28.709	276	3507906	48.582	ng		97
88) Benzo(b)fluoranthene	23.862	252	2750298	44.116	ng		98
89) Benzo(k)fluoranthene	23.939	252	2686655m	44.614	ng		
90) Benzo(a)pyrene	24.768	252	2639997	49.092	ng		98
91) Dibenzo(a,h)anthracene	28.786	278	2886101	48.155	ng		98
92) Benzo(g,h,i)perylene	29.880	276	2821822	46.257	ng	#	94

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

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