Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024306.D
Acq On : 16 Apr 2025 11:04
Operator : RC/JU
Sample : PB167606BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 11:29:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB167606BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	272135	20.000	ng		0.00
21) Naphthalene-d8	10.504	136	1102104	20.000	ng		0.00
39) Acenaphthene-d10	14.357	164	648559	20.000	ng		-0.01
64) Phenanthrene-d10	17.163	188	1183398	20.000	ng		-0.02
76) Chrysene-d12	21.616	240	1163595	20.000	ng		0.00
86) Perylene-d12	24.974	264	1406343	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	2216165	134.651	ng		0.00
7) Phenol-d6	6.916	99	2778072	123.270	ng		0.00
23) Nitrobenzene-d5	8.875	82	1646805	85.203	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	1112741	124.008	ng		-0.02
45) 2-Fluorobiphenyl	12.969	172	3640359	85.941	ng		-0.01
79) Terphenyl-d14	19.886	244	5204870	90.161	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	260999	37.491	ng		97
3) Pyridine	3.687	79	662269	36.027	ng		99
4) n-Nitrosodimethylamine	3.593	42	266961	43.758	ng		97
6) Aniline	7.063	93	725311	36.017	ng		100
8) 2-Chlorophenol	7.299	128	822983	44.786	ng		98
9) Benzaldehyde	6.881	77	316335	28.376	ng		97
10) Phenol	6.940	94	1018349	45.045	ng		98
11) bis(2-Chloroethyl)ether	7.158	93	757143	41.567	ng		99
12) 1,3-Dichlorobenzene	7.622	146	846026	42.766	ng		100
13) 1,4-Dichlorobenzene	7.763	146	854966	42.595	ng		99
14) 1,2-Dichlorobenzene	8.075	146	824170	42.522	ng		99
15) Benzyl Alcohol	7.969	79	638176	43.788	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	856698	43.513	ng		100
17) 2-Methylphenol	8.175	107	672287	45.969	ng		99
18) Hexachloroethane	8.799	117	317291	43.741	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	553580	39.705	ng		99
20) 3+4-Methylphenols	8.499	107	909885	44.839	ng		100
22) Acetophenone	8.540	105	1148260	42.095	ng	#	99
24) Nitrobenzene	8.916	77	831664	43.496	ng		97
25) Isophorone	9.440	82	1532170	43.795	ng		99
26) 2-Nitrophenol	9.622	139	409423	43.756	ng		98
27) 2,4-Dimethylphenol	9.687	122	745204	63.428	ng		100
28) bis(2-Chloroethoxy)met...	9.916	93	1006070	42.569	ng		99
29) 2,4-Dichlorophenol	10.151	162	722424	45.096	ng		99
30) 1,2,4-Trichlorobenzene	10.363	180	743445	43.315	ng		99
31) Naphthalene	10.551	128	2369540	40.816	ng		100
32) Benzoic acid	9.840	122	495692	36.208	ng		99
33) 4-Chloroaniline	10.663	127	314464	15.381	ng		99
34) Hexachlorobutadiene	10.840	225	436902	43.318	ng		100
35) Caprolactam	11.451	113	233922	39.575	ng		99
36) 4-Chloro-3-methylphenol	11.793	107	791854	42.438	ng		98
37) 2-Methylnaphthalene	12.163	142	1482193	36.814	ng		99
38) 1-Methylnaphthalene	12.381	142	1571012	39.886	ng		99
40) 1,2,4,5-Tetrachloroben...	12.540	216	793792	44.506	ng	#	98
41) Hexachlorocyclopentadiene	12.516	237	1154099	182.960	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	548131	46.225	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	605796	46.134	ng	98
46) 1,1'-Biphenyl	13.181	154	2069169	43.404	ng	100
47) 2-Chloronaphthalene	13.222	162	1580672	44.364	ng	99
48) 2-Nitroaniline	13.428	65	463578	46.384	ng	96
49) Acenaphthylene	14.081	152	2629741	46.879	ng	100
50) Dimethylphthalate	13.816	163	1955453	41.460	ng	99
51) 2,6-Dinitrotoluene	13.928	165	435600	43.493	ng	94
52) Acenaphthene	14.422	154	1478443	41.572	ng	100
53) 3-Nitroaniline	14.263	138	210570	20.004	ng	97
54) 2,4-Dinitrophenol	14.475	184	522773	88.614	ng	94
55) Dibenzofuran	14.763	168	2339278	40.242	ng	98
56) 4-Nitrophenol	14.587	139	848886	93.377	ng	96
57) 2,4-Dinitrotoluene	14.728	165	613218	44.885	ng	98
58) Fluorene	15.428	166	1897505	42.166	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	515579	42.571	ng	98
60) Diethylphthalate	15.198	149	1958501	40.295	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	904184	41.377	ng	99
62) 4-Nitroaniline	15.451	138	451817	40.547	ng	96
63) Azobenzene	15.722	77	1864328	41.733	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	325604	43.642	ng	98
66) n-Nitrosodiphenylamine	15.639	169	1657244	46.919	ng	100
67) 4-Bromophenyl-phenylether	16.334	248	587690	45.407	ng	99
68) Hexachlorobenzene	16.451	284	699912	45.510	ng	96
69) Atrazine	16.616	200	549597	61.093	ng	99
70) Pentachlorophenol	16.804	266	968423	90.262	ng	99
71) Phenanthrene	17.204	178	2878928	44.595	ng	100
72) Anthracene	17.298	178	2917128	46.884	ng	100
73) Carbazole	17.581	167	2746762	45.181	ng	100
74) Di-n-butylphthalate	18.169	149	3225103	42.580	ng	100
75) Fluoranthene	19.292	202	3230404	42.073	ng	100
77) Benzidine	19.492	184	1177782	79.852	ng	99
78) Pyrene	19.669	202	3341563	45.188	ng	99
80) Butylbenzylphthalate	20.627	149	1452677	45.864	ng	100
81) Benzo(a)anthracene	21.592	228	3354986	46.388	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	757243	29.830	ng	98
83) Chrysene	21.663	228	3173721	45.803	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	2153345	46.376	ng	98
85) Di-n-octyl phthalate	22.821	149	3666902	48.578	ng	100
87) Indeno(1,2,3-cd)pyrene	28.792	276	4759976m	48.753	ng	
88) Benzo(b)fluoranthene	23.915	252	3660184	43.420	ng	99
89) Benzo(k)fluoranthene	23.986	252	3613777	44.381	ng	99
90) Benzo(a)pyrene	24.821	252	3541710	48.707	ng	100
91) Dibenzo(a,h)anthracene	28.886	278	3939995	48.618	ng	99
92) Benzo(g,h,i)perylene	29.974	276	3866550	46.875	ng	100

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

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