Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024560.D
Acq On : 07 May 2025 11:30
Operator : RC/JU
Sample : PB167886BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167886BS

Quant Time: May 07 12:47:32 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	202008	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	840936	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	544151	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1045554	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	997575	20.000	ng	0.00
86) Perylene-d12	24.903	264	953298	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1692160	138.505	ng	-0.01
7) Phenol-d6	6.898	99	2113281	126.325	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1289923	87.466	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	1260495	167.427	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	3220881	90.628	ng	-0.02
79) Terphenyl-d14	19.874	244	5228325	105.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	172968	33.471	ng	# 93
3) Pyridine	3.663	79	446507	32.722	ng	# 90
4) n-Nitrosodimethylamine	3.581	42	218152	48.171	ng	# 74
6) Aniline	7.046	93	626749	41.926	ng	98
8) 2-Chlorophenol	7.281	128	634902	46.545	ng	97
9) Benzaldehyde	6.857	77	246544	29.793	ng	97
10) Phenol	6.928	94	745784	44.441	ng	92
11) bis(2-Chloroethyl)ether	7.134	93	538942	39.859	ng	99
12) 1,3-Dichlorobenzene	7.593	146	634992	43.241	ng	99
13) 1,4-Dichlorobenzene	7.740	146	647588	43.463	ng	99
14) 1,2-Dichlorobenzene	8.051	146	621562	43.202	ng	97
15) Benzyl Alcohol	7.951	79	514215	47.530	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	612819	41.931	ng	99
17) 2-Methylphenol	8.157	107	531235	48.934	ng	97
18) Hexachloroethane	8.769	117	244133	45.339	ng	96
19) n-Nitroso-di-n-propyla...	8.504	70	419328	40.517	ng	93
20) 3+4-Methylphenols	8.481	107	715704	47.513	ng	98
22) Acetophenone	8.522	105	878750	42.220	ng	97
24) Nitrobenzene	8.898	77	629494	43.148	ng	99
25) Isophorone	9.416	82	1202612	45.051	ng	97
26) 2-Nitrophenol	9.598	139	344490	48.250	ng	# 92
27) 2,4-Dimethylphenol	9.669	122	607874	67.807	ng	99
28) bis(2-Chloroethoxy)met...	9.892	93	752972	41.755	ng	100
29) 2,4-Dichlorophenol	10.139	162	610229	49.923	ng	100
30) 1,2,4-Trichlorobenzene	10.339	180	593294	45.302	ng	99
31) Naphthalene	10.528	128	1842111	41.585	ng	99
32) Benzoic acid	9.851	122	418732	40.086	ng	97
33) 4-Chloroaniline	10.651	127	368378	23.614	ng	99
34) Hexachlorobutadiene	10.810	225	381354	49.553	ng	99
35) Caprolactam	11.451	113	202649m	44.931	ng	
36) 4-Chloro-3-methylphenol	11.786	107	703676	49.425	ng	99
37) 2-Methylnaphthalene	12.139	142	1216321	39.592	ng	95
38) 1-Methylnaphthalene	12.357	142	1274528	42.408	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	689087	46.049	ng	99
41) Hexachlorocyclopentadiene	12.486	237	967118	182.735	ng	99
43) 2,4,6-Trichlorophenol	12.757	196	506826	50.942	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	556723	50.532	ng		98
46) 1,1'-Biphenyl	13.163	154	1750289	43.759	ng		98
47) 2-Chloronaphthalene	13.204	162	1336632	44.712	ng		98
48) 2-Nitroaniline	13.416	65	416667	49.690	ng		96
49) Acenaphthylene	14.051	152	2240509	47.604	ng		99
50) Dimethylphthalate	13.798	163	1814308	45.849	ng		99
51) 2,6-Dinitrotoluene	13.916	165	389388	46.339	ng		92
52) Acenaphthene	14.404	154	1282892	42.995	ng		99
53) 3-Nitroaniline	14.251	138	324938	36.793	ng		100
54) 2,4-Dinitrophenol	14.475	184	498855	100.784	ng		92
55) Dibenzofuran	14.745	168	2017419	41.364	ng		95
56) 4-Nitrophenol	14.592	139	658787	86.370	ng		86
57) 2,4-Dinitrotoluene	14.722	165	562584	49.080	ng		98
58) Fluorene	15.410	166	1673893	44.334	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.980	232	486259	47.854	ng		99
60) Diethylphthalate	15.180	149	1831316	44.908	ng		100
61) 4-Chlorophenyl-phenyle...	15.404	204	845184	46.098	ng		98
62) 4-Nitroaniline	15.445	138	413089	44.184	ng		88
63) Azobenzene	15.698	77	1561948	41.673	ng		96
65) 4,6-Dinitro-2-methylph...	15.498	198	321523	48.776	ng		95
66) n-Nitrosodiphenylamine	15.622	169	1486483	47.632	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	572591	50.073	ng		98
68) Hexachlorobenzene	16.439	284	704329	51.835	ng		98
69) Atrazine	16.604	200	532838	67.038	ng		99
70) Pentachlorophenol	16.792	266	931614	98.278	ng		99
71) Phenanthrene	17.186	178	2557994	44.847	ng		99
72) Anthracene	17.286	178	2627077	47.789	ng		99
73) Carbazole	17.569	167	2390784	44.510	ng		99
74) Di-n-butylphthalate	18.157	149	3120475	46.631	ng		99
75) Fluoranthene	19.280	202	2923466	43.095	ng		97
77) Benzidine	19.486	184	1313035	103.837	ng		99
78) Pyrene	19.657	202	3004159	47.386	ng		99
80) Butylbenzylphthalate	20.604	149	1362254	50.167	ng		95
81) Benzo(a)anthracene	21.568	228	2886185	46.547	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	668960	30.738	ng		99
83) Chrysene	21.633	228	2649244	44.597	ng		99
84) Bis(2-ethylhexyl)phtha...	21.498	149	1889413	47.464	ng		99
85) Di-n-octyl phthalate	22.762	149	2956252	45.681	ng		100
87) Indeno(1,2,3-cd)pyrene	28.674	276	2823588m	42.664	ng		
88) Benzo(b)fluoranthene	23.856	252	2624426	45.928	ng	#	98
89) Benzo(k)fluoranthene	23.927	252	2632490	47.694	ng	#	98
90) Benzo(a)pyrene	24.756	252	2431046	49.321	ng		98
91) Dibenzo(a,h)anthracene	28.762	278	2323416	42.295	ng	#	96
92) Benzo(g,h,i)perylene	29.862	276	2255303	40.335	ng		96

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

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