Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024263.D
Acq On : 11 Apr 2025 12:25
Operator : RC/JU
Sample : PB167518BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167518BS

Quant Time: Apr 11 12:51:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	270274	20.000	ng		0.01
21) Naphthalene-d8	10.540	136	1101814	20.000	ng		0.01
39) Acenaphthene-d10	14.393	164	656088	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1225951	20.000	ng		0.00
76) Chrysene-d12	21.645	240	1268427	20.000	ng		0.00
86) Perylene-d12	25.021	264	1432702	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2647916	156.390	ng		0.02
7) Phenol-d6	6.946	99	3313740	146.355	ng		0.02
23) Nitrobenzene-d5	8.911	82	1941924	99.441	ng		0.02
42) 2,4,6-Tribromophenol	15.904	330	1342960	162.502	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	4298219	96.600	ng		0.00
79) Terphenyl-d14	19.922	244	6307003	102.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	283969	42.311	ng		96
3) Pyridine	3.705	79	770741	42.008	ng		96
4) n-Nitrosodimethylamine	3.617	42	306736	50.047	ng		99
6) Aniline	7.093	93	1107245	53.675	ng		99
8) 2-Chlorophenol	7.328	128	993459	54.321	ng		98
9) Benzaldehyde	6.905	77	506030	46.312	ng		95
10) Phenol	6.969	94	1229117	53.774	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	903376	50.118	ng		98
12) 1,3-Dichlorobenzene	7.652	146	1000806	50.746	ng		100
13) 1,4-Dichlorobenzene	7.793	146	1018152	50.562	ng		99
14) 1,2-Dichlorobenzene	8.111	146	978773	50.652	ng		100
15) Benzyl Alcohol	7.999	79	801972	55.947	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1012596	55.042	ng		96
17) 2-Methylphenol	8.199	107	824242	57.506	ng		99
18) Hexachloroethane	8.828	117	369928	51.781	ng		98
19) n-Nitroso-di-n-propyla...	8.558	70	667299	50.801	ng		99
20) 3+4-Methylphenols	8.528	107	1103931	56.061	ng		99
22) Acetophenone	8.575	105	1365006	49.002	ng	#	99
24) Nitrobenzene	8.952	77	1002486	52.037	ng		99
25) Isophorone	9.475	82	1864710	55.704	ng		99
26) 2-Nitrophenol	9.652	139	509675	55.387	ng		98
27) 2,4-Dimethylphenol	9.716	122	900234	76.080	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	1209828	51.373	ng		99
29) 2,4-Dichlorophenol	10.193	162	872786	54.525	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	885541	50.073	ng		99
31) Naphthalene	10.587	128	2846994	48.745	ng		100
32) Benzoic acid	9.869	122	653738	56.649	ng		99
33) 4-Chloroaniline	10.693	127	567563	27.154	ng		99
34) Hexachlorobutadiene	10.875	225	520040	51.094	ng		100
35) Caprolactam	11.487	113	289393	55.163	ng		99
36) 4-Chloro-3-methylphenol	11.828	107	949008	54.958	ng		99
37) 2-Methylnaphthalene	12.199	142	1768232	44.814	ng		99
38) 1-Methylnaphthalene	12.416	142	1872679	48.796	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	946884	49.926	ng	#	98
41) Hexachlorocyclopentadiene	12.552	237	1371000	200.543	ng		98
43) 2,4,6-Trichlorophenol	12.816	196	671738	55.732	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	727122	55.009	ng	99
46) 1,1'-Biphenyl	13.216	154	2457964	49.855	ng	99
47) 2-Chloronaphthalene	13.251	162	1874459	50.547	ng	98
48) 2-Nitroaniline	13.457	65	562905	59.347	ng	97
49) Acenaphthylene	14.110	152	3136174	55.892	ng	100
50) Dimethylphthalate	13.851	163	2391418	52.092	ng	99
51) 2,6-Dinitrotoluene	13.963	165	532455	55.124	ng	95
52) Acenaphthene	14.457	154	1796188	50.101	ng	99
53) 3-Nitroaniline	14.298	138	333914	32.007	ng	99
54) 2,4-Dinitrophenol	14.510	184	662987	129.718	ng	94
55) Dibenzofuran	14.798	168	2831843	48.764	ng	98
56) 4-Nitrophenol	14.628	139	1057300	121.289	ng	97
57) 2,4-Dinitrotoluene	14.763	165	749419	58.737	ng	99
58) Fluorene	15.457	166	2281360	50.421	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	634464	54.328	ng	98
60) Diethylphthalate	15.228	149	2377275	52.001	ng	99
61) 4-Chlorophenyl-phenyle...	15.451	204	1107114	49.888	ng	97
62) 4-Nitroaniline	15.481	138	579936	53.002	ng	99
63) Azobenzene	15.745	77	2223203	51.596	ng	98
65) 4,6-Dinitro-2-methylph...	15.540	198	411643	56.560	ng	98
66) n-Nitrosodiphenylamine	15.669	169	1993415	53.546	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	721071	53.572	ng	98
68) Hexachlorobenzene	16.481	284	860387	54.007	ng	100
69) Atrazine	16.651	200	695468	77.398	ng	100
70) Pentachlorophenol	16.834	266	1198571	116.339	ng	100
71) Phenanthrene	17.234	178	3476139	51.903	ng	99
72) Anthracene	17.322	178	3578499	54.860	ng	100
73) Carbazole	17.604	167	3418195	54.339	ng	99
74) Di-n-butylphthalate	18.198	149	4066715	54.458	ng	100
75) Fluoranthene	19.316	202	4056848	52.302	ng	99
77) Benzidine	19.516	184	1910343	137.749	ng	99
78) Pyrene	19.692	202	4190573	53.141	ng	100
80) Butylbenzylphthalate	20.651	149	1901299	58.467	ng	98
81) Benzo(a)anthracene	21.622	228	4314443	54.709	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1165413	44.093	ng	100
83) Chrysene	21.698	228	3975849	52.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.569	149	2777718	56.609	ng	100
85) Di-n-octyl phthalate	22.851	149	4682912	59.565	ng	100
87) Indeno(1,2,3-cd)pyrene	28.851	276	5478900	54.794	ng	100
88) Benzo(b)fluoranthene	23.939	252	4576422	52.978	ng	98
89) Benzo(k)fluoranthene	24.016	252	4518331	53.472	ng	100
90) Benzo(a)pyrene	24.869	252	4367257	58.140	ng	99
91) Dibenzo(a,h)anthracene	28.933	278	4506175	54.169	ng	98
92) Benzo(g,h,i)perylene	30.051	276	4409701	52.146	ng	99

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

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