Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061725\
Data File : BP024978.D
Acq On : 17 Jun 2025 16:46
Operator : RC/JU
Sample : Q2336-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WBR-2MSD

Quant Time: Jun 17 17:35:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	266231	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1074479	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	702356	20.000	ng	0.00
64) Phenanthrene-d10	17.054	188	1382642	20.000	ng	0.00
76) Chrysene-d12	21.495	240	1363951	20.000	ng	0.01
86) Perylene-d12	24.771	264	1615956	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1420118	89.038	ng	0.00
7) Phenol-d6	6.819	99	1930964	91.502	ng	0.00
23) Nitrobenzene-d5	8.760	82	1170873	52.952	ng	0.00
42) 2,4,6-Tribromophenol	15.777	330	850963	87.634	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	2356002	45.188	ng	0.00
79) Terphenyl-d14	19.783	244	3879209	50.973	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.166	88	288342	41.086	ng	98
3) Pyridine	3.560	79	766042	45.388	ng	99
4) n-Nitrosodimethylamine	3.478	42	335697	48.652	ng	97
6) Aniline	6.948	93	816068	30.302	ng	100
8) 2-Chlorophenol	7.184	128	963728	53.301	ng	99
9) Benzaldehyde	6.766	77	627582	51.595	ng	98
10) Phenol	6.843	94	1167710	53.676	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	850819	49.725	ng	99
12) 1,3-Dichlorobenzene	7.495	146	982265	48.698	ng	99
13) 1,4-Dichlorobenzene	7.642	146	1001784	49.222	ng	100
14) 1,2-Dichlorobenzene	7.954	146	957542	47.912	ng	99
15) Benzyl Alcohol	7.860	79	847828	52.348	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.125	45	1074135	47.963	ng	99
17) 2-Methylphenol	8.072	107	799739	52.643	ng	99
18) Hexachloroethane	8.666	117	372523	48.617	ng	98
19) n-Nitroso-di-n-propyla...	8.407	70	674265	47.000	ng	99
20) 3+4-Methylphenols	8.401	107	1073477	51.793	ng	99
22) Acetophenone	8.425	105	1333261	49.113	ng	99
24) Nitrobenzene	8.801	77	1010796	51.456	ng	99
25) Isophorone	9.325	82	1903504	49.671	ng	99
26) 2-Nitrophenol	9.507	139	527899	54.466	ng	97
27) 2,4-Dimethylphenol	9.584	122	897551	54.109	ng	99
28) bis(2-Chloroethoxy)met...	9.795	93	1144417	50.063	ng	98
29) 2,4-Dichlorophenol	10.060	162	896769	56.343	ng	98
30) 1,2,4-Trichlorobenzene	10.248	180	877891	48.903	ng	98
31) Naphthalene	10.425	128	2726701	49.520	ng	99
32) Benzoic acid	9.801	122	677868	60.473	ng	97
33) 4-Chloroaniline	10.560	127	484227	20.990	ng	100
34) Hexachlorobutadiene	10.701	225	531495	49.123	ng	100
35) Caprolactam	11.366	113	327595m	55.915	ng	
36) 4-Chloro-3-methylphenol	11.707	107	1021533	55.645	ng	100
37) 2-Methylnaphthalene	12.048	142	1770659	50.695	ng	99
38) 1-Methylnaphthalene	12.272	142	1850484	49.555	ng	100
40) 1,2,4,5-Tetrachloroben...	12.419	216	999463	50.149	ng	99
41) Hexachlorocyclopentadiene	12.389	237	1073278	88.293	ng	100
43) 2,4,6-Trichlorophenol	12.683	196	722585	53.988	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.777	196	803739	56.074	ng	98
46) 1,1'-Biphenyl	13.072	154	2555704	50.071	ng	99
47) 2-Chloronaphthalene	13.113	162	1960318	49.970	ng	100
48) 2-Nitroaniline	13.342	65	645932	53.557	ng	96
49) Acenaphthylene	13.966	152	3296846	50.402	ng	100
50) Dimethylphthalate	13.707	163	2599631	50.175	ng	99
51) 2,6-Dinitrotoluene	13.842	165	592281	53.027	ng	99
52) Acenaphthene	14.313	154	1872245	49.950	ng	100
53) 3-Nitroaniline	14.189	138	292280	25.216	ng	98
54) 2,4-Dinitrophenol	14.413	184	784598	105.938	ng	93
55) Dibenzofuran	14.660	168	2961895	49.229	ng	98
56) 4-Nitrophenol	14.548	139	913334	92.190	ng	97
57) 2,4-Dinitrotoluene	14.654	165	834698	53.423	ng	96
58) Fluorene	15.319	166	2465312	50.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.907	232	699420	54.614	ng	98
60) Diethylphthalate	15.095	149	2679474	51.892	ng	99
61) 4-Chlorophenyl-phenyle...	15.313	204	1198398	50.428	ng	98
62) 4-Nitroaniline	15.371	138	564873	53.746	ng	94
63) Azobenzene	15.613	77	2591559	54.723	ng	99
65) 4,6-Dinitro-2-methylph...	15.436	198	505721	55.664	ng	99
66) n-Nitrosodiphenylamine	15.536	169	2184241	50.968	ng	99
67) 4-Bromophenyl-phenylether	16.224	248	798562	51.187	ng	97
68) Hexachlorobenzene	16.348	284	966883	51.124	ng	99
69) Atrazine	16.524	200	815458	52.489	ng	99
70) Pentachlorophenol	16.713	266	1218319	124.468	ng	99
71) Phenanthrene	17.101	178	3839545	50.251	ng	99
72) Anthracene	17.195	178	3949007	51.032	ng	100
73) Carbazole	17.483	167	3677866	51.277	ng	100
74) Di-n-butylphthalate	18.065	149	4632625	52.130	ng	100
75) Fluoranthene	19.195	202	4454798	50.303	ng	99
77) Benzidine	19.395	184	2591376	61.344	ng	99
78) Pyrene	19.571	202	4532599	53.192	ng	100
80) Butylbenzylphthalate	20.512	149	2133600	54.663	ng	99
81) Benzo(a)anthracene	21.471	228	4468605	51.225	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	1035139	29.889	ng	99
83) Chrysene	21.542	228	4220719	51.062	ng	99
84) Bis(2-ethylhexyl)phtha...	21.401	149	3050276	54.545	ng	99
85) Di-n-octyl phthalate	22.642	149	5167183	52.422	ng	99
87) Indeno(1,2,3-cd)pyrene	28.494	276	6092512	51.674	ng	99
88) Benzo(b)fluoranthene	23.730	252	4745162	51.309	ng	99
89) Benzo(k)fluoranthene	23.800	252	4604687	48.914	ng	99
90) Benzo(a)pyrene	24.618	252	4609762	51.040	ng	100
91) Dibenzo(a,h)anthracene	28.541	278	4928101	51.350	ng	99
92) Benzo(g,h,i)perylene	29.647	276	4830124	50.725	ng	98

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

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