Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025336.D
Acq On : 08 Aug 2025 17:18
Operator : CG/JU
Sample : Q2779-01MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4MSD

Quant Time: Aug 08 17:37:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.795	152	314794	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	1276622	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	761951	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1245696	20.000	ng		-0.01
76) Chrysene-d12	21.671	240	953383	20.000	ng		0.01
86) Perylene-d12	25.059	264	1169667	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.401	112	257449	13.154	ng		0.00
7) Phenol-d6	6.960	99	327872	12.729	ng		0.00
23) Nitrobenzene-d5	8.931	82	207211	8.992	ng		-0.01
42) 2,4,6-Tribromophenol	15.924	330	108692	14.299	ng		0.00
45) 2-Fluorobiphenyl	13.030	172	494276	8.960	ng		0.00
79) Terphenyl-d14	19.936	244	492379	9.755	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	54989	7.119	ng		97
3) Pyridine	3.725	79	147552	6.876	ng		95
4) n-Nitrosodimethylamine	3.631	42	70030	7.029	ng	#	97
6) Aniline	7.125	93	139373	3.941	ng		97
8) 2-Chlorophenol	7.366	128	182026	8.496	ng		97
9) Benzaldehyde	6.943	77	95718	5.232	ng		96
10) Phenol	6.984	94	211754	7.683	ng		100
11) bis(2-Chloroethyl)ether	7.219	93	170181	7.881	ng		98
12) 1,3-Dichlorobenzene	7.690	146	197844	8.219	ng		98
13) 1,4-Dichlorobenzene	7.831	146	203957	8.375	ng		99
14) 1,2-Dichlorobenzene	8.148	146	190631	8.080	ng		100
15) Benzyl Alcohol	8.025	79	148271	7.426	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.313	45	246378	7.222	ng		97
17) 2-Methylphenol	8.225	107	148609	8.058	ng		98
18) Hexachloroethane	8.872	117	76942	8.834	ng		94
19) n-Nitroso-di-n-propyla...	8.584	70	130581	7.716	ng		98
20) 3+4-Methylphenols	8.542	107	199174	7.843	ng		97
22) Acetophenone	8.601	105	264234	8.245	ng	#	98
24) Nitrobenzene	8.978	77	180693	8.284	ng		97
25) Isophorone	9.495	82	369259	8.050	ng		99
26) 2-Nitrophenol	9.684	139	89348	12.329	ng		98
27) 2,4-Dimethylphenol	9.742	122	173151	8.188	ng		96
28) bis(2-Chloroethoxy)met...	9.978	93	230092	8.246	ng		99
29) 2,4-Dichlorophenol	10.213	162	166452	8.990	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	175682	8.601	ng		99
31) Naphthalene	10.625	128	619738	9.351	ng		100
32) Benzoic acid	9.807	122	102430	15.121	ng		98
33) 4-Chloroaniline	10.719	127	124822	4.235	ng		99
34) Hexachlorobutadiene	10.913	225	106757	9.105	ng		100
35) Caprolactam	11.460	113	55620	7.744	ng		98
36) 4-Chloro-3-methylphenol	11.836	107	178331	8.324	ng		98
37) 2-Methylnaphthalene	12.230	142	389053	9.070	ng		99
38) 1-Methylnaphthalene	12.448	142	401507	8.971	ng		99
40) 1,2,4,5-Tetrachloroben...	12.601	216	194614	9.355	ng		99
41) Hexachlorocyclopentadiene	12.589	237	176002	13.708	ng		100
43) 2,4,6-Trichlorophenol	12.836	196	130600	9.719	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	141039	9.356	ng		98
46) 1,1'-Biphenyl	13.248	154	515585	9.182	ng		99
47) 2-Chloronaphthalene	13.283	162	383958	8.963	ng		98
48) 2-Nitroaniline	13.472	65	104567	10.782	ng		98
49) Acenaphthylene	14.136	152	658939	9.221	ng		99
50) Dimethylphthalate	13.866	163	471569	8.490	ng		99
51) 2,6-Dinitrotoluene	13.977	165	93394	9.116	ng		98
52) Acenaphthene	14.483	154	480366	11.021	ng		99
53) 3-Nitroaniline	14.307	138	75545	6.301	ng		97
54) 2,4-Dinitrophenol	14.519	184	49927	17.825	ng	#	51
55) Dibenzofuran	14.819	168	620637	9.528	ng		99
56) 4-Nitrophenol	14.613	139	156537	14.795	ng		99
57) 2,4-Dinitrotoluene	14.772	165	128279	10.784	ng	#	98
58) Fluorene	15.483	166	589931	11.531	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.048	232	110973	8.813	ng		98
60) Diethylphthalate	15.254	149	644226	11.504	ng		99
61) 4-Chlorophenyl-phenyle...	15.477	204	214939	8.862	ng		98
62) 4-Nitroaniline	15.477	138	88715	7.468	ng		99
63) Azobenzene	15.771	77	445497	8.563	ng		96
65) 4,6-Dinitro-2-methylph...	15.548	198	38058	12.627	ng		97
66) n-Nitrosodiphenylamine	15.689	169	395458	10.426	ng		99
67) 4-Bromophenyl-phenylether	16.383	248	126977	10.131	ng		96
68) Hexachlorobenzene	16.507	284	133200	9.471	ng		99
69) Atrazine	16.666	200	126892	9.513	ng		98
70) Pentachlorophenol	16.854	266	163383	18.234	ng		99
71) Phenanthrene	17.254	178	1842306	27.002	ng		100
72) Anthracene	17.348	178	918997	13.359	ng		99
73) Carbazole	17.624	167	610667	9.247	ng		100
74) Di-n-butylphthalate	18.230	149	746806	9.348	ng		100
75) Fluoranthene	19.342	202	1920598	24.317	ng		98
77) Benzidine	19.530	184	195752	5.673	ng		99
78) Pyrene	19.718	202	1788839	28.216	ng		99
80) Butylbenzylphthalate	20.677	149	274039	10.658	ng		99
81) Benzo(a)anthracene	21.654	228	1171620	18.493	ng		99
82) 3,3'-Dichlorobenzidine	21.565	252	172861	7.733	ng		98
83) Chrysene	21.718	228	1056748	17.984	ng		99
84) Bis(2-ethylhexyl)phtha...	21.606	149	500768	12.197	ng		99
85) Di-n-octyl phthalate	22.918	149	716187	10.422	ng		99
87) Indeno(1,2,3-cd)pyrene	28.918	276	1107815	13.214	ng	#	95
88) Benzo(b)fluoranthene	23.989	252	1292140	18.454	ng		99
89) Benzo(k)fluoranthene	24.065	252	870456	12.541	ng		98
90) Benzo(a)pyrene	24.912	252	1135954	16.847	ng		99
91) Dibenzo(a,h)anthracene	29.000	278	698998	10.180	ng		99
92) Benzo(g,h,i)perylene	30.100	276	936242	13.894	ng		100

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

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