Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082925\
Data File : BP025628.D
Acq On : 29 Aug 2025 16:44
Operator : CG/JU
Sample : Q2986-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NORTH-TP-3MSD

Quant Time: Aug 29 17:07:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.772	152	178693	20.000	ng		-0.02
21) Naphthalene-d8	10.543	136	701495	20.000	ng		-0.02
39) Acenaphthene-d10	14.389	164	441815	20.000	ng		-0.02
64) Phenanthrene-d10	17.195	188	905816	20.000	ng		0.00
76) Chrysene-d12	21.642	240	984910	20.000	ng		0.00
86) Perylene-d12	25.024	264	1128431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	1019234	94.723	ng		-0.01
7) Phenol-d6	6.966	99	1281456	92.890	ng		0.00
23) Nitrobenzene-d5	8.913	82	820597	59.174	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	601347	101.120	ng		-0.01
45) 2-Fluorobiphenyl	13.001	172	1718671	53.164	ng		-0.02
79) Terphenyl-d14	19.919	244	2903999	53.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	166380	39.476	ng		99
3) Pyridine	3.714	79	463779	40.203	ng		96
4) n-Nitrosodimethylamine	3.619	42	232006	48.782	ng		96
6) Aniline	7.107	93	515441	27.731	ng		98
8) 2-Chlorophenol	7.355	128	569254	46.882	ng		98
9) Benzaldehyde	6.925	77	238727	24.700	ng		98
10) Phenol	6.990	94	681160	47.056	ng		96
11) bis(2-Chloroethyl)ether	7.202	93	511639	45.347	ng		98
12) 1,3-Dichlorobenzene	7.666	146	603832	45.099	ng		99
13) 1,4-Dichlorobenzene	7.807	146	617519	45.124	ng		99
14) 1,2-Dichlorobenzene	8.125	146	589496	44.500	ng		98
15) Benzyl Alcohol	8.013	79	492260	44.909	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.290	45	702806	46.499	ng		98
17) 2-Methylphenol	8.219	107	466247	46.376	ng		99
18) Hexachloroethane	8.843	117	231082	45.926	ng		98
19) n-Nitroso-di-n-propyla...	8.566	70	391984	42.897	ng		97
20) 3+4-Methylphenols	8.543	107	625396	44.877	ng		97
22) Acetophenone	8.584	105	820219	46.624	ng	#	98
24) Nitrobenzene	8.954	77	587897	47.436	ng		99
25) Isophorone	9.484	82	1114909	45.429	ng		98
26) 2-Nitrophenol	9.660	139	304635	47.895	ng		98
27) 2,4-Dimethylphenol	9.731	122	525806	48.071	ng		99
28) bis(2-Chloroethoxy)met...	9.954	93	676167	45.579	ng		96
29) 2,4-Dichlorophenol	10.201	162	519593	47.819	ng		96
30) 1,2,4-Trichlorobenzene	10.407	180	549055	46.095	ng		98
31) Naphthalene	10.590	128	1674225	45.919	ng		99
32) Benzoic acid	9.890	122	408689	50.609	ng		97
33) 4-Chloroaniline	10.696	127	269591	16.739	ng		99
34) Hexachlorobutadiene	10.878	225	346648	46.730	ng		98
35) Caprolactam	11.490	113	187604	47.086	ng		98
36) 4-Chloro-3-methylphenol	11.831	107	600222	48.140	ng		94
37) 2-Methylnaphthalene	12.195	142	1068914	45.050	ng		98
38) 1-Methylnaphthalene	12.419	142	1119338	44.360	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	616641	48.326	ng		99
41) Hexachlorocyclopentadiene	12.548	237	670602	87.005	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	425640	49.410	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	481571	51.007	ng	99
46) 1,1'-Biphenyl	13.207	154	1501139	46.783	ng	99
47) 2-Chloronaphthalene	13.254	162	1191834	47.712	ng	98
48) 2-Nitroaniline	13.454	65	375321	51.566	ng	97
49) Acenaphthylene	14.101	152	1971006	47.685	ng	100
50) Dimethylphthalate	13.837	163	1554303	48.041	ng	100
51) 2,6-Dinitrotoluene	13.954	165	342308	50.198	ng	92
52) Acenaphthene	14.448	154	1110411	45.767	ng	98
53) 3-Nitroaniline	14.289	138	210699	27.462	ng	94
54) 2,4-Dinitrophenol	14.507	184	397220	109.077	ng	99
55) Dibenzofuran	14.789	168	1790490	46.677	ng	99
56) 4-Nitrophenol	14.631	139	615679	97.656	ng	94
57) 2,4-Dinitrotoluene	14.760	165	501238	51.518	ng	98
58) Fluorene	15.448	166	1420215	46.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	425769	51.073	ng	100
60) Diethylphthalate	15.225	149	1634895	49.731	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	706898	46.960	ng	100
62) 4-Nitroaniline	15.472	138	371919	47.286	ng	99
63) Azobenzene	15.748	77	1576230	55.995	ng	98
65) 4,6-Dinitro-2-methylph...	15.536	198	291106	51.556	ng	92
66) n-Nitrosodiphenylamine	15.672	169	1310691	47.451	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	486199	48.804	ng	99
68) Hexachlorobenzene	16.483	284	553118	47.896	ng	95
69) Atrazine	16.648	200	518404	50.114	ng	99
70) Pentachlorophenol	16.842	266	755363	103.617	ng	99
71) Phenanthrene	17.242	178	2342945	47.085	ng	99
72) Anthracene	17.330	178	2416099	47.547	ng	100
73) Carbazole	17.613	167	2311087	48.286	ng	99
74) Di-n-butylphthalate	18.195	149	2958267	50.236	ng	100
75) Fluoranthene	19.319	202	2861546	48.211	ng	99
77) Benzidine	19.524	184	1448430	43.091	ng	99
78) Pyrene	19.701	202	2941134	45.944	ng	99
80) Butylbenzylphthalate	20.648	149	1468634	50.620	ng	100
81) Benzo(a)anthracene	21.624	228	3085545	47.503	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	657026	26.836	ng	99
83) Chrysene	21.695	228	2868461	47.155	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	2120632	49.654	ng	99
85) Di-n-octyl phthalate	22.848	149	3784892	51.523	ng	99
87) Indeno(1,2,3-cd)pyrene	28.877	276	3941119	47.624	ng	94
88) Benzo(b)fluoranthene	23.942	252	3191797	47.968	ng	99
89) Benzo(k)fluoranthene	24.018	252	3178238	47.732	ng	99
90) Benzo(a)pyrene	24.859	252	3078183	47.523	ng	99
91) Dibenzo(a,h)anthracene	28.953	278	3242138	47.941	ng	97
92) Benzo(g,h,i)perylene	30.071	276	3160040	47.536	ng	99

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

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