Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025806.D
Acq On : 19 Sep 2025 19:55
Operator : CG/JU
Sample : Q3133-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222MSD

Quant Time: Sep 19 23:30:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	200705	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	796281	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	522512	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	1071936	20.000	ng	0.00
76) Chrysene-d12	21.613	240	1017531	20.000	ng	-0.03
86) Perylene-d12	24.960	264	1161005	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	982202	78.963	ng	0.00
7) Phenol-d6	6.961	99	1331515	80.535	ng	0.01
23) Nitrobenzene-d5	8.890	82	821139	45.488	ng	-0.01
42) 2,4,6-Tribromophenol	15.895	330	519216	79.667	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	1761088	44.877	ng	-0.01
79) Terphenyl-d14	19.901	244	2698991	47.718	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	181089	34.687	ng	98
3) Pyridine	3.702	79	497564	34.613	ng	98
4) n-Nitrosodimethylamine	3.608	42	264070	38.930	ng	96
6) Aniline	7.084	93	559420	24.648	ng	98
8) 2-Chlorophenol	7.331	128	591180	43.323	ng	100
9) Benzaldehyde	6.902	77	350263	35.345	ng	99
10) Phenol	6.984	94	744381	42.699	ng	98
11) bis(2-Chloroethyl)ether	7.178	93	569124	40.633	ng	97
12) 1,3-Dichlorobenzene	7.637	146	626383	40.332	ng	98
13) 1,4-Dichlorobenzene	7.784	146	641520	40.551	ng	99
14) 1,2-Dichlorobenzene	8.096	146	614558	39.988	ng	98
15) Benzyl Alcohol	7.990	79	545218	39.908	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	896833	39.154	ng	99
17) 2-Methylphenol	8.214	107	503191	42.811	ng	99
18) Hexachloroethane	8.813	117	240391	39.782	ng	99
19) n-Nitroso-di-n-propyla...	8.543	70	443835	38.488	ng	99
20) 3+4-Methylphenols	8.537	107	665003	40.399	ng	95
22) Acetophenone	8.561	105	959440	45.087	ng	98
24) Nitrobenzene	8.937	77	660914	40.812	ng	98
25) Isophorone	9.460	82	1252326	39.469	ng	100
26) 2-Nitrophenol	9.643	139	319624	44.454	ng	94
27) 2,4-Dimethylphenol	9.713	122	552731	43.820	ng	100
28) bis(2-Chloroethoxy)met...	9.931	93	764004	41.656	ng	98
29) 2,4-Dichlorophenol	10.202	162	572285	45.505	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	588988	41.555	ng	100
31) Naphthalene	10.566	128	1757471	40.932	ng	100
32) Benzoic acid	9.913	122	558846	59.591	ng	97
33) 4-Chloroaniline	10.684	127	343690	19.205	ng	98
34) Hexachlorobutadiene	10.849	225	380868	41.743	ng	100
35) Caprolactam	11.484	113	194179	40.053	ng	98
36) 4-Chloro-3-methylphenol	11.843	107	640299	42.704	ng	97
37) 2-Methylnaphthalene	12.178	142	1144173	41.490	ng	98
38) 1-Methylnaphthalene	12.396	142	1167403	39.697	ng	99
40) 1,2,4,5-Tetrachloroben...	12.549	216	763796	48.239	ng	99
41) Hexachlorocyclopentadiene	12.525	237	436480	50.615	ng	99
43) 2,4,6-Trichlorophenol	12.802	196	473907	45.529	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	524472	45.274	ng		96
46) 1,1'-Biphenyl	13.196	154	1820232	47.460	ng		100
47) 2-Chloronaphthalene	13.237	162	1297855	42.977	ng		98
48) 2-Nitroaniline	13.449	65	441909	43.898	ng		100
49) Acenaphthylene	14.090	152	2164282	43.254	ng		100
50) Dimethylphthalate	13.825	163	1661927	41.661	ng		100
51) 2,6-Dinitrotoluene	13.948	165	370609	43.850	ng		98
52) Acenaphthene	14.437	154	1199476	41.569	ng		99
53) 3-Nitroaniline	14.284	138	340292	38.288	ng		98
54) 2,4-Dinitrophenol	14.501	184	442889	80.560	ng		98
55) Dibenzofuran	14.778	168	1967729	41.841	ng		99
56) 4-Nitrophenol	14.678	139	541167	71.227	ng		97
57) 2,4-Dinitrotoluene	14.748	165	535737	44.541	ng		95
58) Fluorene	15.437	166	1544457	41.300	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.025	232	447606	42.893	ng		98
60) Diethylphthalate	15.201	149	1718787	42.476	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	782227	41.504	ng		99
62) 4-Nitroaniline	15.472	138	403533	44.319	ng		98
63) Azobenzene	15.731	77	1842167	47.083	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	307904	43.192	ng		93
66) n-Nitrosodiphenylamine	15.654	169	1418758	43.250	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	518371	44.019	ng		100
68) Hexachlorobenzene	16.472	284	558663	42.541	ng		95
69) Atrazine	16.631	200	535675	42.720	ng		98
70) Pentachlorophenol	16.831	266	698788	80.623	ng		98
71) Phenanthrene	17.219	178	2654852	43.661	ng		99
72) Anthracene	17.313	178	2639560	42.783	ng		99
73) Carbazole	17.601	167	2424198	42.264	ng		100
74) Di-n-butylphthalate	18.184	149	3123990	44.381	ng		100
75) Fluoranthene	19.301	202	3307236	45.350	ng		100
77) Benzidine	19.501	184	1778331	60.672	ng		99
78) Pyrene	19.678	202	3407799	50.192	ng		99
80) Butylbenzylphthalate	20.625	149	1376256	46.231	ng		97
81) Benzo(a)anthracene	21.595	228	3167851	45.475	ng		99
82) 3,3'-Dichlorobenzidine	21.513	252	999745	41.505	ng		98
83) Chrysene	21.660	228	2982346	44.911	ng		100
84) Bis(2-ethylhexyl)phtha...	21.525	149	2011609	46.187	ng		99
85) Di-n-octyl phthalate	22.801	149	3456007	44.609	ng		100
87) Indeno(1,2,3-cd)pyrene	28.807	276	3899243	46.183	ng	#	77
88) Benzo(b)fluoranthene	23.913	252	3376614	47.559	ng		99
89) Benzo(k)fluoranthene	23.977	252	3139109	43.329	ng		100
90) Benzo(a)pyrene	24.813	252	3131963	45.046	ng		99
91) Dibenzo(a,h)anthracene	28.865	278	3078600	44.558	ng		99
92) Benzo(g,h,i)perylene	29.983	276	3153031	46.404	ng		98

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

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