Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025799.D
Acq On : 19 Sep 2025 15:05
Operator : CG/JU
Sample : Q3117-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
7211986-357MS

Quant Time: Sep 19 15:34:37 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	7.755	152	175429	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	671431	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	420879	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	863289	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	857410	20.000	ng	-0.01
86) Perylene-d12	24.995	264	908716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1311844	120.660	ng	0.00
7) Phenol-d6	6.943	99	1558540	107.848	ng	0.00
23) Nitrobenzene-d5	8.896	82	1173737	77.111	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	661694	126.046	ng	-0.01
45) 2-Fluorobiphenyl	12.978	172	2402976	76.021	ng	-0.01
79) Terphenyl-d14	19.901	244	3870695	81.214	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	174148	38.164	ng	# 85
3) Pyridine	3.720	79	390653	31.091	ng	99
4) n-Nitrosodimethylamine	3.620	42	256500	43.262	ng	100
6) Aniline	7.090	93	507569	25.586	ng	98
8) 2-Chlorophenol	7.331	128	532627	44.656	ng	98
9) Benzaldehyde	6.908	77	340119	39.267	ng	99
10) Phenol	6.972	94	603317	39.593	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	532191	43.471	ng	97
12) 1,3-Dichlorobenzene	7.643	146	576028	42.434	ng	98
13) 1,4-Dichlorobenzene	7.790	146	585114	42.315	ng	99
14) 1,2-Dichlorobenzene	8.102	146	559300	41.635	ng	99
15) Benzyl Alcohol	7.996	79	502033	42.041	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	888052	44.356	ng	99
17) 2-Methylphenol	8.196	107	437609	42.596	ng	98
18) Hexachloroethane	8.819	117	225882	42.767	ng	97
19) n-Nitroso-di-n-propyla...	8.549	70	426218	42.286	ng	99
20) 3+4-Methylphenols	8.525	107	582939	40.516	ng	98
22) Acetophenone	8.566	105	893196	49.779	ng	98
24) Nitrobenzene	8.937	77	627373	45.944	ng	100
25) Isophorone	9.460	82	1162229	43.441	ng	100
26) 2-Nitrophenol	9.643	139	281165	46.377	ng	96
27) 2,4-Dimethylphenol	9.707	122	487373	45.823	ng	98
28) bis(2-Chloroethoxy)met...	9.931	93	698824	45.187	ng	100
29) 2,4-Dichlorophenol	10.178	162	491793	46.376	ng	98
30) 1,2,4-Trichlorobenzene	10.384	180	528656	44.234	ng	99
31) Naphthalene	10.566	128	1595339	44.065	ng	99
32) Benzoic acid	9.884	122	385442	48.743	ng	98
33) 4-Chloroaniline	10.684	127	272344	18.048	ng	98
34) Hexachlorobutadiene	10.849	225	336522	43.740	ng	99
35) Caprolactam	11.484	113	152760	37.369	ng	99
36) 4-Chloro-3-methylphenol	11.813	107	556288	44.000	ng	97
37) 2-Methylnaphthalene	12.178	142	1017488	43.757	ng	98
38) 1-Methylnaphthalene	12.390	142	1040982	41.981	ng	99
40) 1,2,4,5-Tetrachloroben...	12.549	216	650534	51.007	ng	99
41) Hexachlorocyclopentadiene	12.525	237	670220	96.488	ng	97
43) 2,4,6-Trichlorophenol	12.790	196	408212	48.688	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	450651	48.295	ng		98
46) 1,1'-Biphenyl	13.196	154	1595202	51.637	ng		99
47) 2-Chloronaphthalene	13.237	162	1114051	45.799	ng		100
48) 2-Nitroaniline	13.443	65	410323	50.604	ng		97
49) Acenaphthylene	14.090	152	1914441	47.500	ng		100
50) Dimethylphthalate	13.825	163	1507411	46.912	ng		99
51) 2,6-Dinitrotoluene	13.948	165	333217	48.946	ng		96
52) Acenaphthene	14.437	154	1050956	45.216	ng		99
53) 3-Nitroaniline	14.284	138	257405	35.956	ng		96
54) 2,4-Dinitrophenol	14.501	184	425452	95.147	ng		95
55) Dibenzofuran	14.778	168	1714006	45.246	ng		99
56) 4-Nitrophenol	14.619	139	516008	83.492	ng		96
57) 2,4-Dinitrotoluene	14.743	165	475024	49.030	ng		99
58) Fluorene	15.437	166	1387246	46.054	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.013	232	396857	47.213	ng		99
60) Diethylphthalate	15.213	149	1573044	48.262	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	675251	44.480	ng		99
62) 4-Nitroaniline	15.472	138	351330	47.903	ng		99
63) Azobenzene	15.731	77	1509879	47.908	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	285847	49.789	ng		97
66) n-Nitrosodiphenylamine	15.648	169	1269745	48.062	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	444469	46.865	ng		98
68) Hexachlorobenzene	16.466	284	482940	45.663	ng		97
69) Atrazine	16.637	200	491954	48.716	ng		98
70) Pentachlorophenol	16.819	266	666377	95.466	ng		97
71) Phenanthrene	17.213	178	2277571	46.509	ng		99
72) Anthracene	17.319	178	2313919	46.570	ng		100
73) Carbazole	17.595	167	2195380	47.525	ng		99
74) Di-n-butylphthalate	18.178	149	2880545	50.814	ng		100
75) Fluoranthene	19.307	202	2773283	47.220	ng		99
77) Benzidine	19.513	184	220938	8.946	ng		100
78) Pyrene	19.689	202	2849998	49.816	ng		99
80) Butylbenzylphthalate	20.636	149	1319139	52.587	ng		97
81) Benzo(a)anthracene	21.613	228	2844659	48.461	ng		100
82) 3,3'-Dichlorobenzidine	21.530	252	694317	34.208	ng		99
83) Chrysene	21.683	228	2655313	47.454	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1903573	51.868	ng		99
85) Di-n-octyl phthalate	22.819	149	3401792	52.109	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	3385391	51.229	ng	#	85
88) Benzo(b)fluoranthene	23.924	252	2722126	48.986	ng		99
89) Benzo(k)fluoranthene	23.989	252	2862095	50.473	ng		99
90) Benzo(a)pyrene	24.824	252	2651821	48.729	ng		99
91) Dibenzo(a,h)anthracene	28.889	278	2742841	50.720	ng		99
92) Benzo(g,h,i)perylene	30.012	276	2732459	51.379	ng		100

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

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