Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
Data File : BP025835.D
Acq On : 23 Sep 2025 18:41
Operator : CG/JU
Sample : Q3153-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-500-COMP-40MS

Quant Time: Sep 23 19:02:35 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	7.748	152	185533	20.000	ng		-0.01
21) Naphthalene-d8	10.513	136	778843	20.000	ng		-0.01
39) Acenaphthene-d10	14.372	164	542949	20.000	ng		0.00
64) Phenanthrene-d10	17.177	188	1061855	20.000	ng		0.00
76) Chrysene-d12	21.630	240	915774	20.000	ng		-0.01
86) Perylene-d12	24.983	264	1000886	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1221294	106.214	ng		0.00
7) Phenol-d6	6.948	99	1620877	106.054	ng		0.00
23) Nitrobenzene-d5	8.895	82	1008582	57.123	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	669768	98.900	ng		-0.01
45) 2-Fluorobiphenyl	12.978	172	1995004	48.925	ng		-0.01
79) Terphenyl-d14	19.901	244	2856312	56.111	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	158243	32.790	ng		100
3) Pyridine	3.702	79	456011	34.316	ng		96
4) n-Nitrosodimethylamine	3.607	42	247598	39.487	ng		94
6) Aniline	7.090	93	642202	30.610	ng		99
8) 2-Chlorophenol	7.331	128	605842	48.029	ng		98
9) Benzaldehyde	6.901	77	351617	38.383	ng		98
10) Phenol	6.978	94	753571	46.760	ng		97
11) bis(2-Chloroethyl)ether	7.178	93	566234	43.733	ng		96
12) 1,3-Dichlorobenzene	7.643	146	621228	43.271	ng		98
13) 1,4-Dichlorobenzene	7.784	146	631436	43.178	ng		98
14) 1,2-Dichlorobenzene	8.095	146	618252	43.518	ng		98
15) Benzyl Alcohol	7.995	79	568826	45.041	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	928898	43.870	ng		98
17) 2-Methylphenol	8.207	107	515645	47.458	ng		98
18) Hexachloroethane	8.813	117	259942	46.535	ng		98
19) n-Nitroso-di-n-propyla...	8.548	70	473018	44.373	ng		98
20) 3+4-Methylphenols	8.531	107	697791	45.858	ng		99
22) Acetophenone	8.566	105	1011017	48.575	ng	#	98
24) Nitrobenzene	8.937	77	689791	43.549	ng		97
25) Isophorone	9.460	82	1337131	43.086	ng		98
26) 2-Nitrophenol	9.642	139	336132	47.797	ng		94
27) 2,4-Dimethylphenol	9.713	122	579607	46.980	ng		99
28) bis(2-Chloroethoxy)met...	9.931	93	809394	45.118	ng		98
29) 2,4-Dichlorophenol	10.189	162	599729	48.754	ng		100
30) 1,2,4-Trichlorobenzene	10.384	180	620051	44.726	ng		99
31) Naphthalene	10.566	128	1828945	43.551	ng		98
32) Benzoic acid	9.907	122	482441	52.596	ng		98
33) 4-Chloroaniline	10.684	127	334376	19.103	ng		99
34) Hexachlorobutadiene	10.848	225	400265	44.851	ng		99
35) Caprolactam	11.489	113	201916	42.582	ng		97
36) 4-Chloro-3-methylphenol	11.831	107	670998	45.753	ng		98
37) 2-Methylnaphthalene	12.172	142	1213176	44.977	ng		99
38) 1-Methylnaphthalene	12.407	142	1264939	43.977	ng		98
40) 1,2,4,5-Tetrachloroben...	12.548	216	820790	49.888	ng		99
41) Hexachlorocyclopentadiene	12.525	237	646359	72.132	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	516683	47.770	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	558959	46.435	ng		98
46) 1,1'-Biphenyl	13.195	154	1938288	48.636	ng		100
47) 2-Chloronaphthalene	13.242	162	1383490	44.088	ng		98
48) 2-Nitroaniline	13.448	65	462913	44.254	ng		99
49) Acenaphthylene	14.095	152	2320876	44.638	ng		100
50) Dimethylphthalate	13.830	163	1816929	43.832	ng		100
51) 2,6-Dinitrotoluene	13.948	165	392775	44.723	ng		98
52) Acenaphthene	14.442	154	1302208	43.430	ng		100
53) 3-Nitroaniline	14.283	138	266886	28.898	ng		97
54) 2,4-Dinitrophenol	14.507	184	418688	73.727	ng		97
55) Dibenzofuran	14.777	168	2133886	43.666	ng		98
56) 4-Nitrophenol	14.648	139	574100	72.623	ng		96
57) 2,4-Dinitrotoluene	14.748	165	563759	45.106	ng		94
58) Fluorene	15.442	166	1704140	43.854	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	488665	45.065	ng		97
60) Diethylphthalate	15.213	149	1888547	44.915	ng		99
61) 4-Chlorophenyl-phenyle...	15.430	204	876026	44.732	ng		96
62) 4-Nitroaniline	15.472	138	389612	41.180	ng		97
63) Azobenzene	15.730	77	1978890	48.673	ng		98
65) 4,6-Dinitro-2-methylph...	15.536	198	301041	42.630	ng		95
66) n-Nitrosodiphenylamine	15.648	169	1517394	46.696	ng		100
67) 4-Bromophenyl-phenylether	16.342	248	559305	47.946	ng		98
68) Hexachlorobenzene	16.466	284	606055	46.588	ng		96
69) Atrazine	16.636	200	591977	47.658	ng		98
70) Pentachlorophenol	16.830	266	747253	87.033	ng		99
71) Phenanthrene	17.218	178	2601634	43.192	ng		99
72) Anthracene	17.318	178	2711056	44.359	ng		99
73) Carbazole	17.595	167	2437888	42.906	ng		100
74) Di-n-butylphthalate	18.177	149	3365104	48.261	ng		100
75) Fluoranthene	19.313	202	3014541	41.729	ng		100
77) Benzidine	19.507	184	1508877	57.200	ng		100
78) Pyrene	19.683	202	3030748	49.599	ng		99
80) Butylbenzylphthalate	20.630	149	1444373	53.910	ng		98
81) Benzo(a)anthracene	21.607	228	2856867	45.568	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	847697	39.104	ng		99
83) Chrysene	21.677	228	2641572	44.200	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	2103785	53.670	ng		99
85) Di-n-octyl phthalate	22.806	149	3566683	51.153	ng		99
87) Indeno(1,2,3-cd)pyrene	28.830	276	3305488	45.414	ng	#	82
88) Benzo(b)fluoranthene	23.912	252	2770396	45.263	ng		99
89) Benzo(k)fluoranthene	23.989	252	2797880	44.797	ng		100
90) Benzo(a)pyrene	24.836	252	2665693	44.473	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2709752	45.494	ng		99
92) Benzo(g,h,i)perylene	30.000	276	2666848	45.527	ng		99

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

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