Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026047.D
Acq On : 30 Oct 2025 18:27
Operator : RC/JU
Sample : Q3447-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P001-TW2-251023-01MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

Quant Time: Oct 31 02:14:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	324319	20.000	ng		0.00
21) Naphthalene-d8	10.449	136	1254755	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	758504	20.000	ng		0.00
64) Phenanthrene-d10	17.137	188	1521653	20.000	ng		0.01
76) Chrysene-d12	21.589	240	1580449	20.000	ng		0.02
86) Perylene-d12	24.913	264	1697192	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2524916	128.465	ng		0.00
7) Phenol-d6	6.861	99	2883328	115.258	ng		0.00
23) Nitrobenzene-d5	8.825	82	1943463	96.557	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	1262164	153.919	ng		0.02
45) 2-Fluorobiphenyl	12.937	172	4707463	89.179	ng		0.00
79) Terphenyl-d14	19.878	244	7833011	100.694	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	307573	37.121	ng	#	61
3) Pyridine	3.637	79	713734	30.302	ng		98
4) n-Nitrosodimethylamine	3.543	42	399353	42.303	ng		97
6) Aniline	7.019	93	588557	17.628	ng		98
8) 2-Chlorophenol	7.255	128	980300	45.041	ng		98
9) Benzaldehyde	6.831	77	356301	27.398	ng		97
10) Phenol	6.884	94	1071317	38.574	ng		100
11) bis(2-Chloroethyl)ether	7.114	93	919442	41.950	ng		100
12) 1,3-Dichlorobenzene	7.578	146	1019708	40.797	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1044134	41.317	ng		98
14) 1,2-Dichlorobenzene	8.037	146	1008952	41.840	ng		98
15) Benzyl Alcohol	7.914	79	823727	45.675	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.208	45	1348863	40.720	ng		99
17) 2-Methylphenol	8.114	107	797678	43.862	ng		99
18) Hexachloroethane	8.761	117	354639	41.010	ng		100
19) n-Nitroso-di-n-propyla...	8.478	70	687969	44.302	ng		99
20) 3+4-Methylphenols	8.437	107	1094652	43.268	ng		98
22) Acetophenone	8.490	105	1591134	50.141	ng	#	99
24) Nitrobenzene	8.861	77	991432	46.652	ng		99
25) Isophorone	9.390	82	1976359	45.875	ng		99
26) 2-Nitrophenol	9.566	139	417124	53.028	ng		97
27) 2,4-Dimethylphenol	9.637	122	940258	51.900	ng		98
28) bis(2-Chloroethoxy)met...	9.866	93	1247008	45.929	ng		100
29) 2,4-Dichlorophenol	10.096	162	937675	49.019	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	977344	47.007	ng		99
31) Naphthalene	10.502	128	2971396	43.426	ng		100
32) Benzoic acid	9.755	122	585113	51.827	ng		96
33) 4-Chloroaniline	10.607	127	209816	7.980	ng		98
34) Hexachlorobutadiene	10.796	225	577996	43.746	ng		99
35) Caprolactam	11.366	113	260791m	38.823	ng		
36) 4-Chloro-3-methylphenol	11.737	107	975273	48.636	ng		98
37) 2-Methylnaphthalene	12.125	142	1963281	40.995	ng		99
38) 1-Methylnaphthalene	12.349	142	2031539	43.665	ng		99
40) 1,2,4,5-Tetrachloroben...	12.496	216	1209010	51.299	ng		99
41) Hexachlorocyclopentadiene	12.490	237	1148165	133.152	ng		98
43) 2,4,6-Trichlorophenol	12.737	196	746993	53.623	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	827097	52.034	ng	98
46) 1,1'-Biphenyl	13.149	154	3043134	52.396	ng	100
47) 2-Chloronaphthalene	13.184	162	2105527	46.077	ng	100
48) 2-Nitroaniline	13.384	65	565736	48.101	ng	99
49) Acenaphthylene	14.043	152	3629602	54.497	ng	100
50) Dimethylphthalate	13.790	163	2776720	50.328	ng	99
51) 2,6-Dinitrotoluene	13.890	165	561871	54.136	ng	99
52) Acenaphthene	14.390	154	2316473	50.663	ng	100
53) 3-Nitroaniline	14.213	138	248484	21.530	ng	97
54) 2,4-Dinitrophenol	14.425	184	491215	94.001	ng	98
55) Dibenzofuran	14.731	168	3300832	47.782	ng	100
56) 4-Nitrophenol	14.531	139	990661	90.047	ng	99
57) 2,4-Dinitrotoluene	14.684	165	790997	51.994	ng	96
58) Fluorene	15.390	166	2615498	48.327	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	717206	57.386	ng	100
60) Diethylphthalate	15.178	149	2831272	51.045	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	1304011	48.248	ng	99
62) 4-Nitroaniline	15.407	138	591011	50.130	ng	98
63) Azobenzene	15.690	77	2481219	49.359	ng	99
65) 4,6-Dinitro-2-methylph...	15.472	198	341055	53.475	ng	95
66) n-Nitrosodiphenylamine	15.607	169	2358873	49.581	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	838670	49.687	ng	97
68) Hexachlorobenzene	16.419	284	947518	49.312	ng	99
69) Atrazine	16.595	200	886329	55.225	ng	98
70) Pentachlorophenol	16.772	266	1240366	105.682	ng	100
71) Phenanthrene	17.178	178	4228488	47.743	ng	99
72) Anthracene	17.272	178	4329523	49.315	ng	99
73) Carbazole	17.548	167	4081691	49.114	ng	100
74) Di-n-butylphthalate	18.160	149	4953648	53.270	ng	100
75) Fluoranthene	19.278	202	4972924	48.133	ng	99
77) Benzidine	19.466	184	567511	14.147	ng	99
78) Pyrene	19.654	202	5234491	48.970	ng	100
80) Butylbenzylphthalate	20.619	149	2169975	53.922	ng	97
81) Benzo(a)anthracene	21.572	228	5300389	48.805	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	789502	22.562	ng	99
83) Chrysene	21.636	228	4979511	48.402	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	3428289	53.509	ng	99
85) Di-n-octyl phthalate	22.824	149	5544588	58.934	ng	99
87) Indeno(1,2,3-cd)pyrene	28.695	276	6387983	50.982	ng	96
88) Benzo(b)fluoranthene	23.866	252	5214266	49.490	ng	100
89) Benzo(k)fluoranthene	23.936	252	5536721	51.461	ng	100
90) Benzo(a)pyrene	24.754	252	4996186	51.616	ng	99
91) Dibenzo(a,h)anthracene	28.771	278	5275824	51.741	ng	100
92) Benzo(g,h,i)perylene	29.871	276	5131423	52.297	ng	98

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

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