Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026202.D
Acq On : 01 Dec 2025 18:40
Operator : RC/JU
Sample : Q3719-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-1125-15BMSD

Quant Time: Dec 02 00:29:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	222842	20.000	ng	-0.04
21) Naphthalene-d8	10.401	136	845732	20.000	ng	-0.05
39) Acenaphthene-d10	14.277	164	491065	20.000	ng	-0.05
64) Phenanthrene-d10	17.101	188	902556	20.000	ng	-0.03
76) Chrysene-d12	21.536	240	1043295	20.000	ng	-0.04
86) Perylene-d12	24.824	264	1293508	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.260	112	865199	62.319	ng	-0.03
7) Phenol-d6	6.813	99	1065324	60.274	ng	-0.04
23) Nitrobenzene-d5	8.766	82	638500	42.884	ng	-0.05
42) 2,4,6-Tribromophenol	15.813	330	384407	60.344	ng	-0.02
45) 2-Fluorobiphenyl	12.878	172	1447177	43.191	ng	-0.05
79) Terphenyl-d14	19.836	244	2066748	40.393	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	248683	44.162	ng	98
3) Pyridine	3.590	79	643036	39.513	ng	99
4) n-Nitrosodimethylamine	3.502	42	294846	48.477	ng	91
6) Aniline	6.966	93	557973	23.910	ng	99
8) 2-Chlorophenol	7.207	128	740022	46.828	ng	99
9) Benzaldehyde	6.784	77	295547	31.908	ng	98
10) Phenol	6.837	94	856649	44.991	ng	97
11) bis(2-Chloroethyl)ether	7.060	93	669977	44.940	ng	97
12) 1,3-Dichlorobenzene	7.525	146	832806	48.915	ng	99
13) 1,4-Dichlorobenzene	7.672	146	836181	48.740	ng	99
14) 1,2-Dichlorobenzene	7.978	146	805475	48.894	ng	99
15) Benzyl Alcohol	7.866	79	577420	44.593	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.154	45	950350	45.390	ng	100
17) 2-Methylphenol	8.072	107	582882	44.970	ng	99
18) Hexachloroethane	8.701	117	299224	47.936	ng	98
19) n-Nitroso-di-n-propyla...	8.425	70	472913	43.069	ng	97
20) 3+4-Methylphenols	8.395	107	774081	43.098	ng	98
22) Acetophenone	8.442	105	1031555	47.987	ng	99
24) Nitrobenzene	8.813	77	720827	47.861	ng	100
25) Isophorone	9.342	82	1314608	44.537	ng	100
26) 2-Nitrophenol	9.519	139	367801	48.262	ng	97
27) 2,4-Dimethylphenol	9.589	122	630433	45.876	ng	99
28) bis(2-Chloroethoxy)met...	9.813	93	848124	45.879	ng	100
29) 2,4-Dichlorophenol	10.054	162	651652	47.445	ng	99
30) 1,2,4-Trichlorobenzene	10.272	180	730642	52.240	ng	99
31) Naphthalene	10.448	128	2147731	46.989	ng	99
32) Benzoic acid	9.707	122	448609	38.765	ng	99
33) 4-Chloroaniline	10.554	127	411341	21.162	ng	99
34) Hexachlorobutadiene	10.742	225	466143	51.245	ng	99
35) Caprolactam	11.336	113	193449	39.334	ng	100
36) 4-Chloro-3-methylphenol	11.695	107	640441	43.871	ng	98
37) 2-Methylnaphthalene	12.072	142	1341389	41.396	ng	99
38) 1-Methylnaphthalene	12.295	142	1399643	44.192	ng	99
40) 1,2,4,5-Tetrachloroben...	12.448	216	783446	52.763	ng	99
41) Hexachlorocyclopentadiene	12.436	237	1001313	103.039	ng	98
43) 2,4,6-Trichlorophenol	12.695	196	507742	49.878	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	556341	48.961	ng	100
46) 1,1'-Biphenyl	13.101	154	1845916	49.921	ng	100
47) 2-Chloronaphthalene	13.136	162	1437914	49.452	ng	100
48) 2-Nitroaniline	13.348	65	380188	47.019	ng	95
49) Acenaphthylene	14.001	152	2372463	49.466	ng	100
50) Dimethylphthalate	13.742	163	1716045	46.788	ng	100
51) 2,6-Dinitrotoluene	13.848	165	364844	50.202	ng	100
52) Acenaphthene	14.348	154	1339975	47.674	ng	98
53) 3-Nitroaniline	14.177	138	231908	27.102	ng	98
54) 2,4-Dinitrophenol	14.389	184	425617	97.018	ng	92
55) Dibenzofuran	14.701	168	2067244	47.486	ng	99
56) 4-Nitrophenol	14.501	139	660774	85.360	ng	95
57) 2,4-Dinitrotoluene	14.648	165	505295	46.565	ng	99
58) Fluorene	15.360	166	1646773	47.858	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.924	232	468980	48.650	ng	100
60) Diethylphthalate	15.130	149	1801490	48.758	ng	100
61) 4-Chlorophenyl-phenyle...	15.354	204	826679	48.285	ng	99
62) 4-Nitroaniline	15.377	138	331015	37.253	ng	97
63) Azobenzene	15.654	77	1557769	50.003	ng	99
65) 4,6-Dinitro-2-methylph...	15.436	198	283125	49.378	ng	99
66) n-Nitrosodiphenylamine	15.566	169	1430410	51.233	ng	99
67) 4-Bromophenyl-phenylether	16.271	248	519059	51.929	ng	99
68) Hexachlorobenzene	16.383	284	593459	51.166	ng	99
69) Atrazine	16.560	200	514429	48.862	ng	98
70) Pentachlorophenol	16.742	266	800085	98.613	ng	99
71) Phenanthrene	17.142	178	2557324	50.298	ng	100
72) Anthracene	17.230	178	2523464	48.662	ng	100
73) Carbazole	17.518	167	2354571	47.805	ng	99
74) Di-n-butylphthalate	18.118	149	2911527	49.862	ng	99
75) Fluoranthene	19.236	202	3160121	51.156	ng	99
77) Benzidine	19.430	184	1010085	30.507	ng	99
78) Pyrene	19.618	202	3319084	48.520	ng	100
80) Butylbenzylphthalate	20.577	149	1442210	47.873	ng	99
81) Benzo(a)anthracene	21.518	228	3581129	49.979	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	884166	33.933	ng	99
83) Chrysene	21.583	228	3394993	50.276	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	2166021	47.497	ng	99
85) Di-n-octyl phthalate	22.753	149	3908126	49.010	ng	99
87) Indeno(1,2,3-cd)pyrene	28.571	276	5079022	52.356	ng	99
88) Benzo(b)fluoranthene	23.795	252	3994681	50.711	ng	99
89) Benzo(k)fluoranthene	23.865	252	3938879	50.063	ng	99
90) Benzo(a)pyrene	24.671	252	3903195	52.311	ng	100
91) Dibenzo(a,h)anthracene	28.653	278	4106013	51.705	ng	99
92) Benzo(g,h,i)perylene	29.730	276	4101991	51.970	ng	99

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

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