Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111425\
Data File : BP026140.D
Acq On : 14 Nov 2025 14:33
Operator : RC/JU
Sample : Q3631-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-208MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Quant Time: Nov 14 14:52:36 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	7.678	152	340205	20.000	ng		-0.01
21) Naphthalene-d8	10.449	136	1336966	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	837270	20.000	ng		0.00
64) Phenanthrene-d10	17.131	188	1661875	20.000	ng		0.00
76) Chrysene-d12	21.578	240	1671313	20.000	ng		0.01
86) Perylene-d12	24.919	264	1901944	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1225640	59.447	ng		0.00
7) Phenol-d6	6.855	99	1550047	59.068	ng		0.00
23) Nitrobenzene-d5	8.813	82	876765	40.882	ng		-0.01
42) 2,4,6-Tribromophenol	15.837	330	595021	65.736	ng		0.00
45) 2-Fluorobiphenyl	12.919	172	1987887	34.116	ng		-0.01
79) Terphenyl-d14	19.866	244	2925156	35.559	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	323780	37.252	ng		98
3) Pyridine	3.620	79	871624	35.277	ng		96
4) n-Nitrosodimethylamine	3.531	42	386945	39.074	ng		91
6) Aniline	7.008	93	833760	23.806	ng		99
8) 2-Chlorophenol	7.249	128	1007924	44.148	ng		98
9) Benzaldehyde	6.825	77	465743	34.142	ng		96
10) Phenol	6.884	94	1222559	41.965	ng		100
11) bis(2-Chloroethyl)ether	7.108	93	888751	38.656	ng		98
12) 1,3-Dichlorobenzene	7.566	146	1055362	40.252	ng		99
13) 1,4-Dichlorobenzene	7.714	146	1084784	40.921	ng		99
14) 1,2-Dichlorobenzene	8.025	146	1024717	40.509	ng		99
15) Benzyl Alcohol	7.908	79	813907	43.023	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1230248	35.405	ng		98
17) 2-Methylphenol	8.114	107	814791	42.711	ng		99
18) Hexachloroethane	8.749	117	379326	41.817	ng		99
19) n-Nitroso-di-n-propyla...	8.472	70	642485	39.441	ng		97
20) 3+4-Methylphenols	8.437	107	1108345	41.763	ng		97
22) Acetophenone	8.484	105	1374756	40.658	ng	#	98
24) Nitrobenzene	8.855	77	964927	42.613	ng		99
25) Isophorone	9.384	82	1838058	40.041	ng		99
26) 2-Nitrophenol	9.555	139	523306	61.961	ng		96
27) 2,4-Dimethylphenol	9.625	122	913511	47.323	ng		98
28) bis(2-Chloroethoxy)met...	9.860	93	1165249	40.278	ng		100
29) 2,4-Dichlorophenol	10.102	162	935259	45.886	ng		100
30) 1,2,4-Trichlorobenzene	10.308	180	951520	42.951	ng		99
31) Naphthalene	10.496	128	2902768	39.815	ng		100
32) Benzoic acid	9.772	122	736656	58.427	ng		98
33) 4-Chloroaniline	10.596	127	512271	18.285	ng		99
34) Hexachlorobutadiene	10.790	225	576465	40.948	ng		99
35) Caprolactam	11.384	113	312729	43.692	ng		92
36) 4-Chloro-3-methylphenol	11.737	107	969168	45.359	ng		99
37) 2-Methylnaphthalene	12.113	142	1856521	36.382	ng		99
38) 1-Methylnaphthalene	12.331	142	1927913	38.890	ng		98
40) 1,2,4,5-Tetrachloroben...	12.490	216	1048726	40.312	ng		99
41) Hexachlorocyclopentadiene	12.478	237	1259837	132.358	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	755151	49.109	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	826607	47.111	ng		98
46) 1,1'-Biphenyl	13.143	154	2619728	40.863	ng		99
47) 2-Chloronaphthalene	13.178	162	1999915	39.648	ng		99
48) 2-Nitroaniline	13.372	65	610804	47.111	ng		99
49) Acenaphthylene	14.037	152	3383969	46.029	ng		100
50) Dimethylphthalate	13.772	163	2509707	41.209	ng		99
51) 2,6-Dinitrotoluene	13.884	165	553139	48.604	ng		94
52) Acenaphthene	14.378	154	1908736	37.818	ng		99
53) 3-Nitroaniline	14.213	138	365076	27.784	ng	#	99
54) 2,4-Dinitrophenol	14.425	184	652779	106.417	ng		99
55) Dibenzofuran	14.725	168	3076648	40.347	ng		99
56) 4-Nitrophenol	14.543	139	1076700	88.660	ng		99
57) 2,4-Dinitrotoluene	14.684	165	790107	47.343	ng		92
58) Fluorene	15.390	166	2427456	40.633	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	707197	51.262	ng		99
60) Diethylphthalate	15.166	149	2508852	40.977	ng		100
61) 4-Chlorophenyl-phenyle...	15.384	204	1169964	39.216	ng		99
62) 4-Nitroaniline	15.395	138	580083	44.574	ng		95
63) Azobenzene	15.684	77	2408561	43.406	ng		98
65) 4,6-Dinitro-2-methylph...	15.466	198	437530	60.255	ng		95
66) n-Nitrosodiphenylamine	15.607	169	2159854	41.567	ng		100
67) 4-Bromophenyl-phenylether	16.301	248	764771	41.486	ng		98
68) Hexachlorobenzene	16.413	284	881196	41.991	ng		99
69) Atrazine	16.590	200	809827	46.200	ng		99
70) Pentachlorophenol	16.772	266	1231455	96.070	ng		99
71) Phenanthrene	17.178	178	4095742	42.342	ng		99
72) Anthracene	17.272	178	3942682	41.119	ng		100
73) Carbazole	17.548	167	3733763	41.137	ng		100
74) Di-n-butylphthalate	18.154	149	4410493	43.427	ng		99
75) Fluoranthene	19.266	202	4942840	43.805	ng		99
77) Benzidine	19.460	184	2169777	51.147	ng		99
78) Pyrene	19.642	202	4991125	44.154	ng		99
80) Butylbenzylphthalate	20.607	149	2059998	48.754	ng		98
81) Benzo(a)anthracene	21.560	228	4808884	41.872	ng		99
82) 3,3'-Dichlorobenzidine	21.478	252	1290977	34.888	ng		100
83) Chrysene	21.636	228	4498023	41.345	ng		100
84) Bis(2-ethylhexyl)phtha...	21.519	149	3047987	45.400	ng		99
85) Di-n-octyl phthalate	22.807	149	5376173	54.037	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.701	276	5931014m	42.239	ng		
88) Benzo(b)fluoranthene	23.860	252	5014503	42.470	ng		100
89) Benzo(k)fluoranthene	23.930	252	4944345	41.008	ng		99
90) Benzo(a)pyrene	24.754	252	4797220	44.225	ng		99
91) Dibenzo(a,h)anthracene	28.777	278	4809984	42.094	ng		100
92) Benzo(g,h,i)perylene	29.871	276	4776009	43.434	ng		99

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

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