Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025416.D
Acq On : 15 Aug 2025 06:29
Operator : CG/JU
Sample : Q2820-17MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
88H-EMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 08:09:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.795	152	152229	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	611748	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	408254	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	837667	20.000	ng		0.00
76) Chrysene-d12	21.648	240	921761	20.000	ng		0.00
86) Perylene-d12	25.024	264	1086411	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.407	112	807645	88.108	ng		0.00
7) Phenol-d6	6.966	99	1053520	89.644	ng		0.00
23) Nitrobenzene-d5	8.931	82	659161	54.506	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	493086	89.731	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	1517679	50.806	ng		0.00
79) Terphenyl-d14	19.912	244	2460926	48.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	133387	37.150	ng		98
3) Pyridine	3.731	79	373071	37.962	ng		98
4) n-Nitrosodimethylamine	3.637	42	180846	44.636	ng		97
6) Aniline	7.125	93	562721	35.538	ng		99
8) 2-Chlorophenol	7.366	128	489929	47.363	ng		99
9) Benzaldehyde	6.937	77	223121	27.098	ng		100
10) Phenol	6.995	94	592156	48.018	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	412250	42.890	ng		99
12) 1,3-Dichlorobenzene	7.684	146	492466	43.176	ng		99
13) 1,4-Dichlorobenzene	7.825	146	503812	43.215	ng		99
14) 1,2-Dichlorobenzene	8.142	146	489651	43.388	ng		99
15) Benzyl Alcohol	8.025	79	431125	46.169	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.307	45	548076	42.566	ng		98
17) 2-Methylphenol	8.225	107	403259	47.084	ng		99
18) Hexachloroethane	8.860	117	184490	43.040	ng		97
19) n-Nitroso-di-n-propyla...	8.583	70	329547	42.334	ng		99
20) 3+4-Methylphenols	8.548	107	552270	46.519	ng		96
22) Acetophenone	8.601	105	691731	45.089	ng	#	99
24) Nitrobenzene	8.966	77	492167	45.537	ng		99
25) Isophorone	9.495	82	936982	43.780	ng		98
26) 2-Nitrophenol	9.672	139	261087	47.070	ng		97
27) 2,4-Dimethylphenol	9.736	122	464398	48.685	ng		100
28) bis(2-Chloroethoxy)met...	9.966	93	571301	44.160	ng		99
29) 2,4-Dichlorophenol	10.207	162	463126	48.875	ng		97
30) 1,2,4-Trichlorobenzene	10.419	180	465232	44.788	ng		97
31) Naphthalene	10.613	128	1414587	44.490	ng		100
32) Benzoic acid	9.878	122	351527	49.917	ng		99
33) 4-Chloroaniline	10.707	127	356528	25.385	ng		99
34) Hexachlorobutadiene	10.901	225	286611	44.305	ng		97
35) Caprolactam	11.501	113	165259m	47.563	ng		
36) 4-Chloro-3-methylphenol	11.836	107	529393	48.688	ng		96
37) 2-Methylnaphthalene	12.213	142	931832	45.034	ng		98
38) 1-Methylnaphthalene	12.436	142	968839	44.028	ng		99
40) 1,2,4,5-Tetrachloroben...	12.583	216	528206	44.798	ng		98
41) Hexachlorocyclopentadiene	12.566	237	642432	90.202	ng		99
43) 2,4,6-Trichlorophenol	12.824	196	385328	48.407	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	422320	48.409	ng	98
46) 1,1'-Biphenyl	13.230	154	1333915	44.989	ng	98
47) 2-Chloronaphthalene	13.266	162	1048414	45.421	ng	99
48) 2-Nitroaniline	13.466	65	327216	48.653	ng	97
49) Acenaphthylene	14.124	152	1741031	45.584	ng	100
50) Dimethylphthalate	13.854	163	1353224	45.264	ng	99
51) 2,6-Dinitrotoluene	13.966	165	297925	47.281	ng	99
52) Acenaphthene	14.477	154	990506	44.181	ng	99
53) 3-Nitroaniline	14.295	138	220431	31.093	ng	97
54) 2,4-Dinitrophenol	14.513	184	345806	102.765	ng	99
55) Dibenzofuran	14.813	168	1593114	44.946	ng	98
56) 4-Nitrophenol	14.618	139	576733	98.999	ng	98
57) 2,4-Dinitrotoluene	14.771	165	438365	48.760	ng	100
58) Fluorene	15.465	166	1236469	44.209	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	374896	48.668	ng	99
60) Diethylphthalate	15.242	149	1388142	45.696	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	620466	44.606	ng	99
62) 4-Nitroaniline	15.477	138	329615	45.352	ng	95
63) Azobenzene	15.754	77	1306069	50.212	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	246584	47.224	ng	95
66) n-Nitrosodiphenylamine	15.671	169	1133759	44.385	ng	100
67) 4-Bromophenyl-phenylether	16.371	248	412290	44.752	ng	98
68) Hexachlorobenzene	16.489	284	482237	45.155	ng	98
69) Atrazine	16.648	200	444039	46.417	ng	99
70) Pentachlorophenol	16.848	266	677601	100.512	ng	96
71) Phenanthrene	17.248	178	2085270	45.316	ng	99
72) Anthracene	17.330	178	2098232	44.651	ng	99
73) Carbazole	17.612	167	2047401	46.257	ng	99
74) Di-n-butylphthalate	18.212	149	2532382	46.503	ng	100
75) Fluoranthene	19.330	202	2558146	46.606	ng	99
77) Benzidine	19.512	184	1446263	45.975	ng	100
78) Pyrene	19.706	202	2628017	43.865	ng	99
80) Butylbenzylphthalate	20.653	149	1280380	47.155	ng	97
81) Benzo(a)anthracene	21.624	228	2800265	46.064	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	640279	27.944	ng	99
83) Chrysene	21.695	228	2634967	46.284	ng	99
84) Bis(2-ethylhexyl)phtha...	21.565	149	1870070	46.787	ng	99
85) Di-n-octyl phthalate	22.853	149	3288310	47.830	ng	100
87) Indeno(1,2,3-cd)pyrene	28.835	276	3666491m	46.019	ng	
88) Benzo(b)fluoranthene	23.930	252	2936896	45.844	ng	100
89) Benzo(k)fluoranthene	24.012	252	2954085	46.081	ng	98
90) Benzo(a)pyrene	24.853	252	2891770	46.372	ng	99
91) Dibenzo(a,h)anthracene	28.912	278	2997319	46.035	ng	99
92) Benzo(g,h,i)perylene	30.024	276	2926520	45.726	ng	98

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

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