Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025521.D
Acq On : 21 Aug 2025 00:35
Operator : CG/JU
Sample : Q2819-17MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
38M-NMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/21/2025
Supervised By :mohammad ahmed 08/22/2025

Quant Time: Aug 21 03:06:18 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	7.784	152	171527	20.000	ng		-0.01
21) Naphthalene-d8	10.554	136	663397	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	422830	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	876970	20.000	ng		0.00
76) Chrysene-d12	21.648	240	922591	20.000	ng		0.00
86) Perylene-d12	25.012	264	1004402	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.407	112	1185975	114.824	ng		0.00
7) Phenol-d6	6.972	99	1479802	111.749	ng		0.00
23) Nitrobenzene-d5	8.931	82	971459	74.076	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	661648	116.255	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	2019365	65.271	ng		0.00
79) Terphenyl-d14	19.918	244	3302241	65.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	165537	40.917	ng		98
3) Pyridine	3.725	79	452402	40.855	ng		94
4) n-Nitrosodimethylamine	3.631	42	228829	50.124	ng		93
6) Aniline	7.119	93	627117	35.149	ng		97
8) 2-Chlorophenol	7.360	128	549667	47.160	ng		97
9) Benzaldehyde	6.937	77	262818	28.328	ng		98
10) Phenol	6.995	94	662998	47.714	ng		96
11) bis(2-Chloroethyl)ether	7.213	93	492646	45.488	ng		98
12) 1,3-Dichlorobenzene	7.678	146	589038	45.833	ng		98
13) 1,4-Dichlorobenzene	7.819	146	601939	45.823	ng		99
14) 1,2-Dichlorobenzene	8.137	146	574205	45.156	ng		99
15) Benzyl Alcohol	8.019	79	482640	45.871	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.307	45	667168	45.986	ng		98
17) 2-Methylphenol	8.231	107	449551	46.583	ng		98
18) Hexachloroethane	8.854	117	228597	47.330	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	371432	42.346	ng		94
20) 3+4-Methylphenols	8.548	107	606668	45.351	ng		97
22) Acetophenone	8.601	105	788958	47.423	ng	#	98
24) Nitrobenzene	8.972	77	574414	49.009	ng		98
25) Isophorone	9.495	82	1051182	45.292	ng		99
26) 2-Nitrophenol	9.678	139	293717	48.831	ng		99
27) 2,4-Dimethylphenol	9.737	122	479485	46.353	ng		96
28) bis(2-Chloroethoxy)met...	9.966	93	646011	46.047	ng		98
29) 2,4-Dichlorophenol	10.207	162	504018	49.050	ng		97
30) 1,2,4-Trichlorobenzene	10.425	180	519037	46.078	ng		99
31) Naphthalene	10.607	128	1609899	46.690	ng		99
32) Benzoic acid	9.889	122	404729	52.997	ng		96
33) 4-Chloroaniline	10.707	127	382975	25.145	ng		99
34) Hexachlorobutadiene	10.889	225	333721	47.571	ng		97
35) Caprolactam	11.495	113	183400	48.674	ng		95
36) 4-Chloro-3-methylphenol	11.836	107	567653	48.142	ng		98
37) 2-Methylnaphthalene	12.213	142	1019268	45.424	ng		99
38) 1-Methylnaphthalene	12.431	142	1055711	44.241	ng		100
40) 1,2,4,5-Tetrachloroben...	12.589	216	575385	47.117	ng		99
41) Hexachlorocyclopentadiene	12.572	237	715312	96.973	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	409731	49.699	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	449793	49.780	ng	99
46) 1,1'-Biphenyl	13.225	154	1425183	46.410	ng	99
47) 2-Chloronaphthalene	13.266	162	1113435	46.575	ng	99
48) 2-Nitroaniline	13.477	65	362504	52.041	ng	100
49) Acenaphthylene	14.125	152	1887410	47.713	ng	99
50) Dimethylphthalate	13.860	163	1445275	46.677	ng	99
51) 2,6-Dinitrotoluene	13.966	165	326188	49.982	ng	93
52) Acenaphthene	14.472	154	1078099	46.430	ng	99
53) 3-Nitroaniline	14.301	138	248220	33.806	ng	95
54) 2,4-Dinitrophenol	14.513	184	406122	116.529	ng	98
55) Dibenzofuran	14.813	168	1718002	46.799	ng	99
56) 4-Nitrophenol	14.624	139	631088	104.595	ng	91
57) 2,4-Dinitrotoluene	14.760	165	490004	52.625	ng	96
58) Fluorene	15.472	166	1344141	46.402	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	402588	50.461	ng	98
60) Diethylphthalate	15.242	149	1569300	49.879	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	671793	46.631	ng	96
62) 4-Nitroaniline	15.483	138	377285	50.122	ng	94
63) Azobenzene	15.754	77	1530314	56.805	ng	97
65) 4,6-Dinitro-2-methylph...	15.548	198	283428	51.847	ng	95
66) n-Nitrosodiphenylamine	15.672	169	1251523	46.799	ng	99
67) 4-Bromophenyl-phenylether	16.371	248	448328	46.483	ng	95
68) Hexachlorobenzene	16.489	284	514752	46.040	ng	99
69) Atrazine	16.654	200	493890	49.315	ng	98
70) Pentachlorophenol	16.848	266	733067	103.867	ng	98
71) Phenanthrene	17.242	178	2258400	46.879	ng	100
72) Anthracene	17.330	178	2330282	47.367	ng	99
73) Carbazole	17.613	167	2245579	48.460	ng	99
74) Di-n-butylphthalate	18.213	149	2881804	50.547	ng	100
75) Fluoranthene	19.330	202	2750858	47.871	ng	99
77) Benzidine	19.512	184	1382116	43.896	ng	99
78) Pyrene	19.707	202	2893940	48.260	ng	100
80) Butylbenzylphthalate	20.648	149	1409430	51.861	ng	99
81) Benzo(a)anthracene	21.624	228	2922112	48.025	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	691173	30.138	ng	99
83) Chrysene	21.689	228	2731566	47.938	ng	98
84) Bis(2-ethylhexyl)phtha...	21.565	149	2049629	51.233	ng	100
85) Di-n-octyl phthalate	22.859	149	3451915	50.164	ng	99
87) Indeno(1,2,3-cd)pyrene	28.847	276	3450790	46.848	ng	93
88) Benzo(b)fluoranthene	23.959	252	2985647	50.411	ng	99
89) Benzo(k)fluoranthene	24.030	252	2788266	47.046	ng	99
90) Benzo(a)pyrene	24.865	252	2759047	47.856	ng	100
91) Dibenzo(a,h)anthracene	28.918	278	2847919	47.312	ng	98
92) Benzo(g,h,i)perylene	30.041	276	2836174m	47.932	ng	

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

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