Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025356.D
Acq On : 11 Aug 2025 20:16
Operator : CG/JU
Sample : Q2795-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Quant Time: Aug 12 01:01:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	295927	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	1140316	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	664800	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	1234287	20.000	ng	-0.01
76) Chrysene-d12	21.654	240	1203349	20.000	ng	0.00
86) Perylene-d12	25.024	264	1428295	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.413	112	1583320	86.053	ng	0.00
7) Phenol-d6	6.972	99	1967885	81.268	ng	0.00
23) Nitrobenzene-d5	8.943	82	1231034	59.809	ng	0.00
42) 2,4,6-Tribromophenol	15.925	330	733430	110.587	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	2711947	56.344	ng	0.00
79) Terphenyl-d14	19.936	244	3444506	54.065	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	253506	34.914	ng	96
3) Pyridine	3.725	79	687248	34.068	ng	95
4) n-Nitrosodimethylamine	3.631	42	311095	33.217	ng	92
6) Aniline	7.125	93	619393	18.633	ng	99
8) 2-Chlorophenol	7.372	128	813868	40.411	ng	96
9) Benzaldehyde	6.943	77	408559m	23.756	ng	
10) Phenol	7.002	94	941478	36.338	ng	99
11) bis(2-Chloroethyl)ether	7.225	93	742078	36.555	ng	97
12) 1,3-Dichlorobenzene	7.690	146	876349	38.725	ng	99
13) 1,4-Dichlorobenzene	7.837	146	903885	39.480	ng	99
14) 1,2-Dichlorobenzene	8.149	146	864256	38.968	ng	99
15) Benzyl Alcohol	8.031	79	649356	34.595	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.325	45	1028803	32.081	ng	95
17) 2-Methylphenol	8.237	107	642677	37.071	ng	98
18) Hexachloroethane	8.872	117	330543	40.371	ng	97
19) n-Nitroso-di-n-propyla...	8.596	70	536372	33.714	ng	95
20) 3+4-Methylphenols	8.554	107	856030	35.859	ng	98
22) Acetophenone	8.607	105	1112654	38.868	ng	97
24) Nitrobenzene	8.984	77	792206	40.659	ng	95
25) Isophorone	9.507	82	1508620	36.821	ng	100
26) 2-Nitrophenol	9.684	139	415799	48.915	ng	97
27) 2,4-Dimethylphenol	9.749	122	724411	38.350	ng	97
28) bis(2-Chloroethoxy)met...	9.984	93	954859	38.311	ng	98
29) 2,4-Dichlorophenol	10.225	162	718708	43.459	ng	98
30) 1,2,4-Trichlorobenzene	10.443	180	769538	42.178	ng	98
31) Naphthalene	10.625	128	2397069	40.493	ng	100
32) Benzoic acid	9.884	122	546170	49.878	ng	96
33) 4-Chloroaniline	10.725	127	336272	12.772	ng	99
34) Hexachlorobutadiene	10.913	225	468123	44.697	ng	99
35) Caprolactam	11.501	113	227396	35.445	ng	90
36) 4-Chloro-3-methylphenol	11.848	107	745372	38.952	ng	98
37) 2-Methylnaphthalene	12.231	142	1497114	39.073	ng	100
38) 1-Methylnaphthalene	12.448	142	1543248	38.601	ng	100
40) 1,2,4,5-Tetrachloroben...	12.601	216	816822	45.004	ng	99
41) Hexachlorocyclopentadiene	12.590	237	876439	78.240	ng	98
43) 2,4,6-Trichlorophenol	12.837	196	564363	48.134	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.907	196	608623	46.273	ng		98
46)	1,1'-Biphenyl	13.242	154	2074615	42.346	ng		99
47)	2-Chloronaphthalene	13.284	162	1575672	42.156	ng		99
48)	2-Nitroaniline	13.478	65	446724	41.245	ng		92
49)	Acenaphthylene	14.137	152	2578565	41.358	ng		99
50)	Dimethylphthalate	13.872	163	1943142	40.095	ng		100
51)	2,6-Dinitrotoluene	13.984	165	423061	47.326	ng		88
52)	Acenaphthene	14.484	154	1684516m	44.295	ng		
53)	3-Nitroaniline	14.313	138	219532	20.988	ng	#	93
54)	2,4-Dinitrophenol	14.519	184	301467	67.280	ng	#	46
55)	Dibenzofuran	14.819	168	2357940	41.490	ng		100
56)	4-Nitrophenol	14.631	139	784495	84.979	ng		93
57)	2,4-Dinitrotoluene	14.772	165	589159	42.888	ng		99
58)	Fluorene	15.478	166	1818633	40.744	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.048	232	506928	46.140	ng		99
60)	Diethylphthalate	15.254	149	1984652	40.619	ng		99
61)	4-Chlorophenyl-phenyle...	15.472	204	861378	40.706	ng		99
62)	4-Nitroaniline	15.483	138	405711	39.144	ng		95
63)	Azobenzene	15.772	77	1877346	41.360	ng		97
65)	4,6-Dinitro-2-methylph...	15.548	198	245008	45.682	ng		95
66)	n-Nitrosodiphenylamine	15.689	169	1625700	43.258	ng		99
67)	4-Bromophenyl-phenylether	16.389	248	564309	45.439	ng		97
68)	Hexachlorobenzene	16.501	284	613631	44.035	ng		98
69)	Atrazine	16.672	200	586804	44.399	ng		99
70)	Pentachlorophenol	16.854	266	849544	95.690	ng		100
71)	Phenanthrene	17.260	178	3368932	49.834	ng		100
72)	Anthracene	17.354	178	3024719	44.374	ng		100
73)	Carbazole	17.625	167	2778786	42.468	ng		100
74)	Di-n-butylphthalate	18.230	149	3527045	44.557	ng		99
75)	Fluoranthene	19.336	202	3816911	48.773	ng		99
77)	Benzidine	19.530	184	1819023	41.764	ng		99
78)	Pyrene	19.713	202	3834458	47.919	ng		99
80)	Butylbenzylphthalate	20.666	149	1569145	48.351	ng		100
81)	Benzo(a)anthracene	21.630	228	3612353	45.174	ng		100
82)	3,3'-Dichlorobenzidine	21.554	252	875594	31.034	ng		99
83)	Chrysene	21.707	228	3372486	45.471	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.589	149	2373866	45.809	ng		100
85)	Di-n-octyl phthalate	22.895	149	4132843	47.647	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.883	276	4535747m	44.306	ng		
88)	Benzo(b)fluoranthene	23.971	252	3672505	42.953	ng		99
89)	Benzo(k)fluoranthene	24.036	252	3578883	42.224	ng		99
90)	Benzo(a)pyrene	24.871	252	3615367	43.909	ng		100
91)	Dibenzo(a,h)anthracene	28.983	278	3575001	42.639	ng		98
92)	Benzo(g,h,i)perylene	30.083	276	3656732	44.439	ng		99

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

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