Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025520.D
Acq On : 20 Aug 2025 23:54
Operator : CG/JU
Sample : Q2819-17MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
38M-NMS

Manual Integrations APPROVED

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

Quant Time: Aug 21 01:39:50 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	163086	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	635345	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	403432	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	837501	20.000	ng	0.01
76) Chrysene-d12	21.648	240	894140	20.000	ng	0.00
86) Perylene-d12	25.012	264	1028739	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	989172	100.727	ng	0.00
7) Phenol-d6	6.966	99	1240787	98.550	ng	0.00
23) Nitrobenzene-d5	8.925	82	804810	64.078	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	543808	100.145	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	1679128	56.883	ng	0.00
79) Terphenyl-d14	19.919	244	2776530	56.813	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	158752	41.271	ng	98
3) Pyridine	3.725	79	424150	40.286	ng	95
4) n-Nitrosodimethylamine	3.631	42	208103	47.944	ng	93
6) Aniline	7.119	93	566664	33.405	ng	98
8) 2-Chlorophenol	7.360	128	507351	45.782	ng	99
9) Benzaldehyde	6.937	77	241200	27.344	ng	99
10) Phenol	6.990	94	599139	45.350	ng	96
11) bis(2-Chloroethyl)ether	7.213	93	449455	43.648	ng	98
12) 1,3-Dichlorobenzene	7.678	146	540474	44.230	ng	99
13) 1,4-Dichlorobenzene	7.819	146	551846	44.184	ng	99
14) 1,2-Dichlorobenzene	8.137	146	529135	43.766	ng	99
15) Benzyl Alcohol	8.019	79	445758	44.558	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.302	45	614047	44.515	ng	97
17) 2-Methylphenol	8.225	107	410870	44.779	ng	97
18) Hexachloroethane	8.854	117	207815	45.254	ng	99
19) n-Nitroso-di-n-propyla...	8.578	70	342780	41.102	ng	95
20) 3+4-Methylphenols	8.549	107	560181	44.044	ng	97
22) Acetophenone	8.596	105	721397	45.276	ng	98
24) Nitrobenzene	8.966	77	518939	46.231	ng	98
25) Isophorone	9.496	82	977284	43.967	ng	99
26) 2-Nitrophenol	9.672	139	268342	46.582	ng	96
27) 2,4-Dimethylphenol	9.737	122	451118	45.537	ng	97
28) bis(2-Chloroethoxy)met...	9.966	93	598293	44.529	ng	99
29) 2,4-Dichlorophenol	10.207	162	461305	46.875	ng	98
30) 1,2,4-Trichlorobenzene	10.419	180	476140	44.136	ng	100
31) Naphthalene	10.607	128	1465253	44.371	ng	100
32) Benzoic acid	9.884	122	357969	48.944	ng	97
33) 4-Chloroaniline	10.707	127	444888	30.500	ng	99
34) Hexachlorobutadiene	10.895	225	307838	45.819	ng	98
35) Caprolactam	11.495	113	166502	46.140	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	524543	46.451	ng	96
37) 2-Methylnaphthalene	12.213	142	931072	43.326	ng	99
38) 1-Methylnaphthalene	12.431	142	982511	42.991	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	529445	45.440	ng	98
41) Hexachlorocyclopentadiene	12.566	237	649355	92.264	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	376373	47.848	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	422835	49.047	ng	99
46) 1,1'-Biphenyl	13.225	154	1330277	45.403	ng	99
47) 2-Chloronaphthalene	13.266	162	1023704	44.881	ng	99
48) 2-Nitroaniline	13.472	65	336748	50.668	ng	96
49) Acenaphthylene	14.125	152	1737611	46.038	ng	100
50) Dimethylphthalate	13.860	163	1350968	45.729	ng	100
51) 2,6-Dinitrotoluene	13.966	165	303179	48.690	ng	95
52) Acenaphthene	14.472	154	1000372	45.154	ng	99
53) 3-Nitroaniline	14.295	138	250146	35.706	ng	95
54) 2,4-Dinitrophenol	14.519	184	370066	111.289	ng	97
55) Dibenzofuran	14.813	168	1576282	45.003	ng	98
56) 4-Nitrophenol	14.625	139	587000	101.965	ng	93
57) 2,4-Dinitrotoluene	14.772	165	448248	50.455	ng	97
58) Fluorene	15.472	166	1241069	44.904	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.042	232	374029	49.135	ng	99
60) Diethylphthalate	15.242	149	1397636	46.559	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	608258	44.251	ng	97
62) 4-Nitroaniline	15.483	138	343690	47.854	ng	95
63) Azobenzene	15.760	77	1380940	53.725	ng	98
65) 4,6-Dinitro-2-methylph...	15.548	198	257102	49.248	ng	93
66) n-Nitrosodiphenylamine	15.678	169	1129376	44.222	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	406044	44.083	ng	97
68) Hexachlorobenzene	16.495	284	473408	44.337	ng	98
69) Atrazine	16.654	200	449335	46.980	ng	98
70) Pentachlorophenol	16.848	266	659972	97.917	ng	97
71) Phenanthrene	17.248	178	2073388	45.067	ng	100
72) Anthracene	17.336	178	2127785	45.289	ng	100
73) Carbazole	17.619	167	2076151	46.915	ng	99
74) Di-n-butylphthalate	18.213	149	2628515	48.277	ng	100
75) Fluoranthene	19.330	202	2523020	45.975	ng	99
77) Benzidine	19.519	184	1302891	42.697	ng	99
78) Pyrene	19.707	202	2624941	45.167	ng	99
80) Butylbenzylphthalate	20.648	149	1275745	48.436	ng	97
81) Benzo(a)anthracene	21.624	228	2770305	46.979	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	727315	32.723	ng	100
83) Chrysene	21.695	228	2564073	46.430	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1867112	48.156	ng	100
85) Di-n-octyl phthalate	22.842	149	3279123	49.169	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3474659m	46.056	ng	
88) Benzo(b)fluoranthene	23.930	252	2767890	45.628	ng	99
89) Benzo(k)fluoranthene	24.007	252	2818197	46.426	ng	99
90) Benzo(a)pyrene	24.854	252	2706532	45.835	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2845641	46.156	ng	97
92) Benzo(g,h,i)perylene	30.036	276	2827568	46.657	ng	99

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

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