Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025314.D
Acq On : 07 Aug 2025 15:09
Operator : CG/JU
Sample : Q2763-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 07 15:49:11 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

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	227120	20.000	ng		0.00
21) Naphthalene-d8	10.578	136	924529	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	586520	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1223014	20.000	ng		0.00
76) Chrysene-d12	21.660	240	1167350	20.000	ng		0.00
86) Perylene-d12	25.036	264	1307999	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	1715589	121.490	ng		0.00
7) Phenol-d6	6.966	99	2078823	111.858	ng		0.00
23) Nitrobenzene-d5	8.943	82	1445791	86.637	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	896649	153.242	ng		0.00
45) 2-Fluorobiphenyl	13.037	172	3273761	77.095	ng		0.00
79) Terphenyl-d14	19.948	244	5057825	81.836	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	206397	37.038	ng	#	68
3) Pyridine	3.737	79	544652	35.179	ng		98
4) n-Nitrosodimethylamine	3.643	42	276550	38.475	ng		94
6) Aniline	7.131	93	576333	22.590	ng		99
8) 2-Chlorophenol	7.372	128	706955	45.737	ng		98
9) Benzaldehyde	6.949	77	303354	22.982	ng		95
10) Phenol	6.996	94	796145	40.038	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	635352	40.779	ng		99
12) 1,3-Dichlorobenzene	7.696	146	709645	40.859	ng		99
13) 1,4-Dichlorobenzene	7.837	146	725690	41.299	ng		99
14) 1,2-Dichlorobenzene	8.154	146	695770	40.875	ng		100
15) Benzyl Alcohol	8.031	79	626041	43.458	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.325	45	924552	37.565	ng		98
17) 2-Methylphenol	8.231	107	589227	44.285	ng		99
18) Hexachloroethane	8.878	117	257763	41.019	ng		98
19) n-Nitroso-di-n-propyla...	8.601	70	497220	40.721	ng		98
20) 3+4-Methylphenols	8.554	107	804273	43.897	ng		100
22) Acetophenone	8.613	105	1009518	43.497	ng	#	97
24) Nitrobenzene	8.984	77	722509	45.737	ng		98
25) Isophorone	9.507	82	1451338	43.691	ng		99
26) 2-Nitrophenol	9.690	139	352036	50.919	ng		96
27) 2,4-Dimethylphenol	9.748	122	703377	45.928	ng		96
28) bis(2-Chloroethoxy)met...	9.990	93	882368	43.665	ng		99
29) 2,4-Dichlorophenol	10.219	162	683917	51.008	ng		97
30) 1,2,4-Trichlorobenzene	10.443	180	651994	44.076	ng		98
31) Naphthalene	10.625	128	2102468	43.806	ng		100
32) Benzoic acid	9.872	122	477458	52.595	ng		97
33) 4-Chloroaniline	10.719	127	205502	9.627	ng		99
34) Hexachlorobutadiene	10.919	225	374234	44.073	ng		98
35) Caprolactam	11.484	113	227036m	43.648	ng		
36) 4-Chloro-3-methylphenol	11.837	107	771487	49.727	ng		99
37) 2-Methylnaphthalene	12.231	142	1374172	44.236	ng		100
38) 1-Methylnaphthalene	12.454	142	1433196	44.216	ng		100
40) 1,2,4,5-Tetrachloroben...	12.601	216	719015	44.902	ng		99
41) Hexachlorocyclopentadiene	12.589	237	558332	56.494	ng		99
43) 2,4,6-Trichlorophenol	12.837	196	551713	53.335	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	611989	52.739	ng		99
46) 1,1'-Biphenyl	13.242	154	2002375	46.326	ng		99
47) 2-Chloronaphthalene	13.284	162	1510160	45.795	ng		99
48) 2-Nitroaniline	13.478	65	490321	50.588	ng		90
49) Acenaphthylene	14.136	152	2578111	46.870	ng		99
50) Dimethylphthalate	13.872	163	2053689	48.032	ng		100
51) 2,6-Dinitrotoluene	13.978	165	441113	55.932	ng		92
52) Acenaphthene	14.484	154	1558776	46.459	ng		100
53) 3-Nitroaniline	14.301	138	244770	26.523	ng		97
54) 2,4-Dinitrophenol	14.507	184	163520	49.202	ng	#	67
55) Dibenzofuran	14.819	168	2353983	46.949	ng		99
56) 4-Nitrophenol	14.613	139	823800	101.147	ng		95
57) 2,4-Dinitrotoluene	14.778	165	626187	51.001	ng		99
58) Fluorene	15.483	166	1823018	46.293	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	531986	54.883	ng		99
60) Diethylphthalate	15.260	149	2126627	49.334	ng		99
61) 4-Chlorophenyl-phenyle...	15.483	204	860660	46.101	ng		98
62) 4-Nitroaniline	15.495	138	445400	48.709	ng		97
63) Azobenzene	15.778	77	1899046	47.422	ng		100
65) 4,6-Dinitro-2-methylph...	15.548	198	161567	34.010	ng		97
66) n-Nitrosodiphenylamine	15.689	169	1720725	46.208	ng		100
67) 4-Bromophenyl-phenylether	16.389	248	574613	46.695	ng		97
68) Hexachlorobenzene	16.513	284	635345	46.014	ng		98
69) Atrazine	16.672	200	622588	47.541	ng		99
70) Pentachlorophenol	16.860	266	919506	104.525	ng		100
71) Phenanthrene	17.260	178	3055851	45.619	ng		99
72) Anthracene	17.360	178	3123357	46.243	ng		100
73) Carbazole	17.630	167	3005433	46.355	ng		100
74) Di-n-butylphthalate	18.236	149	3819743	48.699	ng		100
75) Fluoranthene	19.342	202	3563482	45.954	ng		99
77) Benzidine	19.530	184	1332448	31.536	ng		99
78) Pyrene	19.713	202	3603206	46.417	ng		99
80) Butylbenzylphthalate	20.671	149	1755400	55.758	ng		99
81) Benzo(a)anthracene	21.642	228	3610081	46.537	ng		99
82) 3,3'-Dichlorobenzidine	21.554	252	968826	35.398	ng		99
83) Chrysene	21.707	228	3404599	47.319	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	2593549	51.592	ng		100
85) Di-n-octyl phthalate	22.907	149	4495901	53.432	ng		98
87) Indeno(1,2,3-cd)pyrene	28.883	276	4509510m	48.100	ng		
88) Benzo(b)fluoranthene	23.983	252	3722266	47.539	ng		100
89) Benzo(k)fluoranthene	24.054	252	3659844	47.151	ng		99
90) Benzo(a)pyrene	24.883	252	3554879	47.145	ng		100
91) Dibenzo(a,h)anthracene	28.989	278	3688263	48.035	ng		99
92) Benzo(g,h,i)perylene	30.089	276	3552718	47.146	ng		99

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

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