Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025517.D
Acq On : 20 Aug 2025 21:52
Operator : CG/JU
Sample : Q2819-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 21 01:38:37 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

Instrument :
BNA_P
ClientSampleId :
22BP-WMSD

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	184860	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	722280	20.000	ng		0.00
39) Acenaphthene-d10	14.396	164	447048	20.000	ng		-0.01
64) Phenanthrene-d10	17.207	188	890323	20.000	ng		0.00
76) Chrysene-d12	21.654	240	903947	20.000	ng		0.00
86) Perylene-d12	25.019	264	1025346	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1144678	102.833	ng		0.00
7) Phenol-d6	6.967	99	1445596	101.293	ng		0.00
23) Nitrobenzene-d5	8.931	82	936777	65.608	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	623372	103.597	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	1983638	60.642	ng		0.00
79) Terphenyl-d14	19.925	244	2999909	60.718	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	182983	41.967	ng		98
3) Pyridine	3.726	79	493698	41.368	ng		95
4) n-Nitrosodimethylamine	3.631	42	247455	50.295	ng		93
6) Aniline	7.119	93	649735	33.790	ng		97
8) 2-Chlorophenol	7.361	128	608568	48.448	ng		100
9) Benzaldehyde	6.937	77	285008	28.504	ng		97
10) Phenol	6.996	94	715775	47.797	ng		96
11) bis(2-Chloroethyl)ether	7.214	93	538406	46.128	ng		97
12) 1,3-Dichlorobenzene	7.678	146	650335	46.952	ng		99
13) 1,4-Dichlorobenzene	7.825	146	649360	45.868	ng		100
14) 1,2-Dichlorobenzene	8.137	146	625644	45.653	ng		99
15) Benzyl Alcohol	8.025	79	528480	46.605	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.308	45	736456	47.100	ng		98
17) 2-Methylphenol	8.225	107	484474	46.581	ng		99
18) Hexachloroethane	8.861	117	249463	47.925	ng		97
19) n-Nitroso-di-n-propyla...	8.584	70	405488	42.894	ng		95
20) 3+4-Methylphenols	8.549	107	658121	45.649	ng		96
22) Acetophenone	8.596	105	852338	47.056	ng	#	97
24) Nitrobenzene	8.966	77	613843	48.104	ng		99
25) Isophorone	9.496	82	1155702	45.736	ng		98
26) 2-Nitrophenol	9.672	139	323093	49.335	ng		96
27) 2,4-Dimethylphenol	9.737	122	533447	47.366	ng		96
28) bis(2-Chloroethoxy)met...	9.966	93	707355	46.309	ng		99
29) 2,4-Dichlorophenol	10.213	162	555155	49.622	ng		98
30) 1,2,4-Trichlorobenzene	10.419	180	572771	46.702	ng		97
31) Naphthalene	10.613	128	1739431	46.334	ng		99
32) Benzoic acid	9.890	122	431194	51.860	ng		96
33) 4-Chloroaniline	10.708	127	377734	22.779	ng		99
34) Hexachlorobutadiene	10.902	225	370916	48.563	ng		98
35) Caprolactam	11.502	113	187670	45.747	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	615878	47.974	ng		97
37) 2-Methylnaphthalene	12.213	142	1096821	44.896	ng		98
38) 1-Methylnaphthalene	12.437	142	1157054	44.535	ng		100
40) 1,2,4,5-Tetrachloroben...	12.584	216	625693	48.461	ng		98
41) Hexachlorocyclopentadiene	12.566	237	802842	102.943	ng		99
43) 2,4,6-Trichlorophenol	12.825	196	442620	50.780	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	490354	51.330	ng	99
46) 1,1'-Biphenyl	13.231	154	1568313	48.304	ng	99
47) 2-Chloronaphthalene	13.272	162	1201838	47.550	ng	99
48) 2-Nitroaniline	13.466	65	380529	51.670	ng	98
49) Acenaphthylene	14.119	152	2000907	47.841	ng	100
50) Dimethylphthalate	13.860	163	1548844	47.312	ng	100
51) 2,6-Dinitrotoluene	13.966	165	342534	49.643	ng	95
52) Acenaphthene	14.466	154	1145454	46.659	ng	98
53) 3-Nitroaniline	14.296	138	234663	30.228	ng	92
54) 2,4-Dinitrophenol	14.513	184	436661	118.504	ng	98
55) Dibenzofuran	14.807	168	1839493	47.393	ng	98
56) 4-Nitrophenol	14.625	139	653354	102.419	ng	93
57) 2,4-Dinitrotoluene	14.766	165	502093	51.002	ng	97
58) Fluorene	15.466	166	1413344	46.148	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	422581	50.097	ng	98
60) Diethylphthalate	15.243	149	1602496	48.175	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	704890	46.278	ng	97
62) 4-Nitroaniline	15.484	138	380825	47.851	ng	96
63) Azobenzene	15.760	77	1553558	54.544	ng	98
65) 4,6-Dinitro-2-methylph...	15.548	198	287397	51.785	ng	92
66) n-Nitrosodiphenylamine	15.678	169	1274387	46.939	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	460977	47.077	ng	95
68) Hexachlorobenzene	16.495	284	537114	47.319	ng	100
69) Atrazine	16.660	200	502043	49.377	ng	98
70) Pentachlorophenol	16.854	266	733038	102.305	ng	98
71) Phenanthrene	17.254	178	2332780	47.697	ng	100
72) Anthracene	17.348	178	2303551	46.121	ng	100
73) Carbazole	17.625	167	2239338	47.601	ng	99
74) Di-n-butylphthalate	18.219	149	2892663	49.977	ng	100
75) Fluoranthene	19.336	202	2780027	47.653	ng	99
77) Benzidine	19.531	184	1311867	42.524	ng	99
78) Pyrene	19.713	202	2862551	48.721	ng	99
80) Butylbenzylphthalate	20.654	149	1352098	50.777	ng	99
81) Benzo(a)anthracene	21.636	228	2870654	48.153	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	747438	33.263	ng	99
83) Chrysene	21.701	228	2684186	48.078	ng	99
84) Bis(2-ethylhexyl)phtha...	21.572	149	1972886	50.332	ng	99
85) Di-n-octyl phthalate	22.860	149	3483541	51.668	ng	99
87) Indeno(1,2,3-cd)pyrene	28.883	276	3754265m	49.927	ng	
88) Benzo(b)fluoranthene	23.942	252	3016187	49.886	ng	99
89) Benzo(k)fluoranthene	24.024	252	2975796	49.184	ng	99
90) Benzo(a)pyrene	24.866	252	2906291	49.381	ng	100
91) Dibenzo(a,h)anthracene	28.959	278	3060770	49.809	ng	98
92) Benzo(g,h,i)perylene	30.059	276	3035965	50.261	ng	99

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

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