Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
Data File : BP025283.D
Acq On : 31 Jul 2025 16:52
Operator : CG/JU
Sample : Q2726-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WBR-PBOMSD

Quant Time: Jul 31 17:28:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.396	152	374331	20.000	ng		0.00
21) Naphthalene-d8	10.131	136	1455986	20.000	ng		-0.01
39) Acenaphthene-d10	14.048	164	922137	20.000	ng		0.00
64) Phenanthrene-d10	16.860	188	1849889	20.000	ng		-0.02
76) Chrysene-d12	21.295	240	2047339	20.000	ng		-0.01
86) Perylene-d12	24.401	264	2441961	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	1974857	89.140	ng		-0.01
7) Phenol-d6	6.643	99	2504456	91.273	ng		0.00
23) Nitrobenzene-d5	8.531	82	1515254	57.835	ng		0.00
42) 2,4,6-Tribromophenol	15.578	330	1142303	84.028	ng		0.00
45) 2-Fluorobiphenyl	12.643	172	3373259	51.572	ng		0.00
79) Terphenyl-d14	19.625	244	5408472	52.148	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.096	88	330127	39.759	ng		97
3) Pyridine	3.478	79	896615	40.340	ng		97
4) n-Nitrosodimethylamine	3.384	42	425966	48.326	ng	#	88
6) Aniline	6.755	93	1051998	29.330	ng		99
8) 2-Chlorophenol	6.990	128	1162550	46.248	ng		98
9) Benzaldehyde	6.567	77	575676	30.943	ng		98
10) Phenol	6.667	94	1313169	46.147	ng		96
11) bis(2-Chloroethyl)ether	6.849	93	1045784	47.936	ng		99
12) 1,3-Dichlorobenzene	7.284	146	1256970	44.466	ng		98
13) 1,4-Dichlorobenzene	7.431	146	1288748	45.166	ng		99
14) 1,2-Dichlorobenzene	7.731	146	1236052	45.031	ng		98
15) Benzyl Alcohol	7.655	79	828227	41.845	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.925	45	1293062	46.322	ng		99
17) 2-Methylphenol	7.872	107	905738	45.911	ng		98
18) Hexachloroethane	8.437	117	443493	45.196	ng		96
19) n-Nitroso-di-n-propyla...	8.202	70	730177	44.234	ng		97
20) 3+4-Methylphenols	8.202	107	1213054	45.077	ng	#	57
22) Acetophenone	8.208	105	1569447	46.324	ng	#	94
24) Nitrobenzene	8.572	77	1104176	47.278	ng		96
25) Isophorone	9.096	82	2020187	43.848	ng		98
26) 2-Nitrophenol	9.266	139	615898	45.923	ng		97
27) 2,4-Dimethylphenol	9.361	122	1045678	46.595	ng		97
28) bis(2-Chloroethoxy)met...	9.572	93	1310276	45.467	ng		98
29) 2,4-Dichlorophenol	9.837	162	1071335	46.468	ng		99
30) 1,2,4-Trichlorobenzene	10.002	180	1136636	45.137	ng		100
31) Naphthalene	10.184	128	3419693	45.899	ng		100
32) Benzoic acid	9.572	122	600008m	35.022	ng		
33) 4-Chloroaniline	10.319	127	825198m	25.196	ng		
34) Hexachlorobutadiene	10.472	225	677013	44.668	ng		99
35) Caprolactam	11.149	113	334579	43.725	ng		94
36) 4-Chloro-3-methylphenol	11.490	107	1075070	46.647	ng		98
37) 2-Methylnaphthalene	11.802	142	2191809	45.305	ng		98
38) 1-Methylnaphthalene	12.031	142	2301052	45.279	ng		99
40) 1,2,4,5-Tetrachloroben...	12.184	216	1269458	45.927	ng		99
41) Hexachlorocyclopentadiene	12.166	237	1499243	90.862	ng		100
43) 2,4,6-Trichlorophenol	12.454	196	861628	45.622	ng		98

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44) 2,4,5-Trichlorophenol	12.560	196	945896	45.512	ng		98
46) 1,1'-Biphenyl	12.843	154	3138079	46.944	ng		100
47) 2-Chloronaphthalene	12.884	162	2405544	46.092	ng		99
48) 2-Nitroaniline	13.119	65	648685	48.671	ng		96
49) Acenaphthylene	13.760	152	4053600	48.021	ng		100
50) Dimethylphthalate	13.513	163	3026790	45.896	ng		99
51) 2,6-Dinitrotoluene	13.625	165	664427	46.368	ng		91
52) Acenaphthene	14.107	154	2243703	45.966	ng		99
53) 3-Nitroaniline	13.972	138	640208	39.619	ng		99
54) 2,4-Dinitrophenol	14.184	184	859777	101.267	ng		96
55) Dibenzofuran	14.454	168	3659664	46.415	ng		96
56) 4-Nitrophenol	14.390	139	846883	61.246	ng		93
57) 2,4-Dinitrotoluene	14.443	165	972083	48.463	ng	#	83
58) Fluorene	15.113	166	3036245	48.505	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.707	232	827815	45.007	ng		97
60) Diethylphthalate	14.913	149	3126017	48.093	ng		99
61) 4-Chlorophenyl-phenyle...	15.131	204	1472322	46.548	ng		99
62) 4-Nitroaniline	15.178	138	668286	40.665	ng		95
63) Azobenzene	15.431	77	2765241	52.206	ng		97
65) 4,6-Dinitro-2-methylph...	15.225	198	580194	48.599	ng		99
66) n-Nitrosodiphenylamine	15.348	169	2627649	46.798	ng		99
67) 4-Bromophenyl-phenylether	16.037	248	970481	44.952	ng		98
68) Hexachlorobenzene	16.154	284	1163276	45.372	ng		95
69) Atrazine	16.354	200	901005	43.365	ng		98
70) Pentachlorophenol	16.531	266	1448387	83.075	ng		99
71) Phenanthrene	16.907	178	5047236	50.587	ng		99
72) Anthracene	17.001	178	4937089	49.119	ng		100
73) Carbazole	17.295	167	4630343	48.258	ng		99
74) Di-n-butylphthalate	17.907	149	5797713	52.369	ng		99
75) Fluoranthene	19.013	202	6670562	56.807	ng		99
77) Benzidine	19.231	184	3286695	45.726	ng		99
78) Pyrene	19.395	202	6972359	55.233	ng		99
80) Butylbenzylphthalate	20.378	149	2711269	47.447	ng		95
81) Benzo(a)anthracene	21.278	228	6638855	51.348	ng		100
82) 3,3'-Dichlorobenzidine	21.225	252	1706728	31.846	ng		99
83) Chrysene	21.342	228	6205869	51.419	ng		100
84) Bis(2-ethylhexyl)phtha...	21.260	149	4078187	49.912	ng		99
85) Di-n-octyl phthalate	22.460	149	6815849	48.307	ng		99
87) Indeno(1,2,3-cd)pyrene	27.912	276	9016252	50.525	ng		100
88) Benzo(b)fluoranthene	23.430	252	7514298	53.758	ng		100
89) Benzo(k)fluoranthene	23.489	252	6849577	49.637	ng		99
90) Benzo(a)pyrene	24.254	252	6984170	51.211	ng		100
91) Dibenzo(a,h)anthracene	27.989	278	7118251	48.892	ng		99
92) Benzo(g,h,i)perylene	28.977	276	7321851	51.174	ng		98

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

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