Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025802.D
Acq On : 19 Sep 2025 17:09
Operator : CG/JU
Sample : Q3098-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WWMS

Quant Time: Sep 19 17:32:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	174041	20.000	ng		-0.01
21) Naphthalene-d8	10.519	136	537202	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	439134	20.000	ng		0.00
64) Phenanthrene-d10	17.183	188	850250	20.000	ng		0.00
76) Chrysene-d12	21.660	240	848399	20.000	ng		0.02
86) Perylene-d12	24.983	264	967662	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	496771	46.056	ng		0.00
7) Phenol-d6	6.943	99	419989	29.294	ng		0.00
23) Nitrobenzene-d5	8.890	82	1419772	116.581	ng		-0.01
42) 2,4,6-Tribromophenol	15.907	330	475172	86.753	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	2888404	87.580	ng		0.00
79) Terphenyl-d14	19.913	244	4167395	88.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	89166	19.696	ng		98
3) Pyridine	3.708	79	276362	22.170	ng		99
4) n-Nitrosodimethylamine	3.608	42	129091	21.947	ng	#	99
6) Aniline	7.090	93	110414	5.610	ng		96
8) 2-Chlorophenol	7.325	128	507183	42.862	ng		98
9) Benzaldehyde	6.907	77	81730	9.511	ng		99
10) Phenol	6.972	94	271408	17.953	ng		97
11) bis(2-Chloroethyl)ether	7.178	93	593150	48.836	ng		98
12) 1,3-Dichlorobenzene	7.637	146	586603	43.558	ng		99
13) 1,4-Dichlorobenzene	7.784	146	605096	44.109	ng		99
14) 1,2-Dichlorobenzene	8.096	146	594426	44.603	ng		100
15) Benzyl Alcohol	8.002	79	2535423	214.015	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.260	45	944591	47.557	ng		99
17) 2-Methylphenol	8.196	107	367323	36.040	ng		100
18) Hexachloroethane	8.813	117	228209	43.552	ng		98
19) n-Nitroso-di-n-propyla...	8.543	70	478898	47.891	ng		99
20) 3+4-Methylphenols	8.519	107	434978	30.473	ng		99
22) Acetophenone	8.560	105	1058841	73.756	ng	#	100
24) Nitrobenzene	8.931	77	706978	64.710	ng		100
25) Isophorone	9.460	82	1330286	62.146	ng		99
26) 2-Nitrophenol	9.637	139	307415	63.376	ng		95
27) 2,4-Dimethylphenol	9.713	122	488726	57.432	ng		100
28) bis(2-Chloroethoxy)met...	9.925	93	793527	64.131	ng	#	98
29) 2,4-Dichlorophenol	10.190	162	484991	57.162	ng		98
30) 1,2,4-Trichlorobenzene	10.384	180	518439	54.218	ng		99
31) Naphthalene	10.566	128	1367354	47.205	ng		99
32) Benzoic acid	10.060	122	3583161	566.351	ng		100
33) 4-Chloroaniline	10.696	127	6523	0.540	ng	#	1
34) Hexachlorobutadiene	10.854	225	298418	48.480	ng		99
36) 4-Chloro-3-methylphenol	11.837	107	532430	52.635	ng		95
37) 2-Methylnaphthalene	12.184	142	1165776	62.661	ng		98
38) 1-Methylnaphthalene	12.413	142	1215607	61.272	ng		99
40) 1,2,4,5-Tetrachloroben...	12.560	216	763606	57.384	ng		100
41) Hexachlorocyclopentadiene	12.537	237	467279	64.475	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	437248	49.983	ng		98
44) 2,4,5-Trichlorophenol	12.895	196	466320	47.897	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.207	154	2147399	66.622	ng		99
47) 2-Chloronaphthalene	13.242	162	1272189	50.126	ng		100
48) 2-Nitroaniline	13.466	65	292696	34.596	ng		99
49) Acenaphthylene	14.101	152	2086312	49.613	ng		99
50) Dimethylphthalate	13.860	163	1605018	47.873	ng		100
51) 2,6-Dinitrotoluene	13.966	165	358016	50.403	ng		98
52) Acenaphthene	14.442	154	1163775	47.989	ng		99
54) 2,4-Dinitrophenol	14.525	184	406771	87.591	ng		94
55) Dibenzofuran	14.789	168	1914052	48.427	ng		98
56) 4-Nitrophenol	14.678	139	177397	30.516	ng		92
57) 2,4-Dinitrotoluene	14.766	165	485324	48.010	ng		97
58) Fluorene	15.448	166	1558683	49.594	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	380861	43.426	ng		97
60) Diethylphthalate	15.225	149	1626089	47.815	ng		99
61) 4-Chlorophenyl-phenyle...	15.436	204	769665	48.592	ng		99
62) 4-Nitroaniline	15.507	138	26155	3.418	ng		97
63) Azobenzene	15.736	77	1582270	48.118	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	259761	45.939	ng		96
66) n-Nitrosodiphenylamine	15.666	169	998224	38.364	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	469230	50.235	ng		99
68) Hexachlorobenzene	16.478	284	522636	50.174	ng		94
69) Atrazine	16.648	200	290196	29.177	ng		97
70) Pentachlorophenol	16.842	266	686857	99.909	ng		98
71) Phenanthrene	17.225	178	2429261	50.367	ng		99
72) Anthracene	17.319	178	2481487	50.708	ng		99
73) Carbazole	17.601	167	2158072	47.434	ng		100
74) Di-n-butylphthalate	18.183	149	2905306	52.036	ng		100
75) Fluoranthene	19.313	202	2793295	48.290	ng		99
77) Benzidine	19.513	184	3079	0.126	ng	#	1
78) Pyrene	19.689	202	2868572	50.673	ng		99
80) Butylbenzylphthalate	20.654	149	1245165	50.165	ng		97
81) Benzo(a)anthracene	21.636	228	2994245	51.552	ng		100
83) Chrysene	21.707	228	2792423	50.434	ng		100
84) Bis(2-ethylhexyl)phtha...	21.577	149	1362087	37.508	ng	#	99
85) Di-n-octyl phthalate	22.813	149	3609449	55.877	ng		98
87) Indeno(1,2,3-cd)pyrene	28.795	276	3692973	52.479	ng	#	87
88) Benzo(b)fluoranthene	23.924	252	3127073	52.845	ng		99
89) Benzo(k)fluoranthene	23.995	252	3088553	51.149	ng		99
90) Benzo(a)pyrene	24.824	252	2928022	50.527	ng		99
91) Dibenzo(a,h)anthracene	28.895	278	3040589	52.801	ng		99
92) Benzo(g,h,i)perylene	29.994	276	2967778	52.404	ng		100

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

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