Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025805.D
Acq On : 19 Sep 2025 19:14
Operator : CG/JU
Sample : Q3133-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222MS

Quant Time: Sep 19 23:28:57 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	194539	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	763463	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	482031	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	929197	20.000	ng	-0.01
76) Chrysene-d12	21.624	240	917235	20.000	ng	-0.02
86) Perylene-d12	24.977	264	1063473	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1083666	89.882	ng	0.00
7) Phenol-d6	6.960	99	1461535	91.201	ng	0.01
23) Nitrobenzene-d5	8.890	82	890503	51.451	ng	-0.01
42) 2,4,6-Tribromophenol	15.889	330	520039	86.495	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	1832172	50.610	ng	-0.01
79) Terphenyl-d14	19.907	244	2589965	50.797	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	201294	39.780	ng	98
3) Pyridine	3.702	79	546286	39.206	ng	98
4) n-Nitrosodimethylamine	3.608	42	291546	44.343	ng	95
6) Aniline	7.090	93	526979	23.955	ng	99
8) 2-Chlorophenol	7.331	128	645455	48.800	ng	99
9) Benzaldehyde	6.902	77	389742	40.576	ng	99
10) Phenol	6.984	94	826246	48.897	ng	97
11) bis(2-Chloroethyl)ether	7.178	93	616545	45.414	ng	97
12) 1,3-Dichlorobenzene	7.637	146	680726	45.221	ng	98
13) 1,4-Dichlorobenzene	7.784	146	695642	45.366	ng	98
14) 1,2-Dichlorobenzene	8.096	146	674829	45.301	ng	99
15) Benzyl Alcohol	7.990	79	598041	45.162	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.260	45	965574	43.491	ng	98
17) 2-Methylphenol	8.213	107	542531	47.621	ng	98
18) Hexachloroethane	8.813	117	263036	44.909	ng	97
19) n-Nitroso-di-n-propyla...	8.543	70	479337	42.885	ng	99
20) 3+4-Methylphenols	8.537	107	720298	45.145	ng	94
22) Acetophenone	8.560	105	1036439	50.799	ng	99
24) Nitrobenzene	8.937	77	727505	46.855	ng	99
25) Isophorone	9.460	82	1343054	44.148	ng	100
26) 2-Nitrophenol	9.637	139	345085	50.058	ng	95
27) 2,4-Dimethylphenol	9.713	122	594453	49.154	ng	97
28) bis(2-Chloroethoxy)met...	9.925	93	802943	45.661	ng	97
29) 2,4-Dichlorophenol	10.195	162	609167	50.519	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	634818	46.714	ng	100
31) Naphthalene	10.560	128	1893993	46.008	ng	99
32) Benzoic acid	9.913	122	509470	56.661	ng	97
33) 4-Chloroaniline	10.678	127	347601	20.258	ng	99
34) Hexachlorobutadiene	10.843	225	405867	46.395	ng	99
35) Caprolactam	11.478	113	198965	42.805	ng	97
36) 4-Chloro-3-methylphenol	11.837	107	666634	46.371	ng	99
37) 2-Methylnaphthalene	12.172	142	1223000	46.255	ng	99
38) 1-Methylnaphthalene	12.395	142	1254102	44.479	ng	99
40) 1,2,4,5-Tetrachloroben...	12.542	216	799897	54.762	ng	99
41) Hexachlorocyclopentadiene	12.525	237	363482	45.690	ng	97
43) 2,4,6-Trichlorophenol	12.795	196	483611	50.363	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	533428	49.914	ng		97
46) 1,1'-Biphenyl	13.184	154	1883091	53.223	ng		99
47) 2-Chloronaphthalene	13.231	162	1334360	47.897	ng		100
48) 2-Nitroaniline	13.442	65	447442	48.181	ng		96
49) Acenaphthylene	14.084	152	2206911	47.810	ng		100
50) Dimethylphthalate	13.819	163	1648211	44.787	ng		100
51) 2,6-Dinitrotoluene	13.942	165	368055	47.205	ng		98
52) Acenaphthene	14.431	154	1223687	45.969	ng		100
53) 3-Nitroaniline	14.284	138	341269	41.623	ng		97
54) 2,4-Dinitrophenol	14.489	184	435618	85.573	ng		99
55) Dibenzofuran	14.772	168	1971415	45.439	ng		100
56) 4-Nitrophenol	14.672	139	531497	75.539	ng		95
57) 2,4-Dinitrotoluene	14.742	165	518718	46.747	ng		97
58) Fluorene	15.431	166	1559516	45.204	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	438923	45.593	ng		98
60) Diethylphthalate	15.201	149	1672751	44.810	ng		100
61) 4-Chlorophenyl-phenyle...	15.425	204	789589	45.413	ng		96
62) 4-Nitroaniline	15.460	138	387221	46.099	ng		99
63) Azobenzene	15.725	77	1788796	49.558	ng		99
65) 4,6-Dinitro-2-methylph...	15.525	198	296883	48.043	ng		95
66) n-Nitrosodiphenylamine	15.654	169	1400663	49.257	ng		99
67) 4-Bromophenyl-phenylether	16.342	248	497652	48.751	ng		98
68) Hexachlorobenzene	16.466	284	553401	48.613	ng		93
69) Atrazine	16.630	200	511623	47.070	ng		98
70) Pentachlorophenol	16.825	266	660135	87.863	ng		100
71) Phenanthrene	17.219	178	2592038	49.176	ng		100
72) Anthracene	17.313	178	2573700	48.124	ng		99
73) Carbazole	17.595	167	2379857	47.864	ng		100
74) Di-n-butylphthalate	18.177	149	2846787	46.656	ng		99
75) Fluoranthene	19.307	202	3296354	52.145	ng		99
77) Benzidine	19.513	184	1593132	60.297	ng		100
78) Pyrene	19.683	202	3341850	54.603	ng		99
80) Butylbenzylphthalate	20.630	149	1365150	50.872	ng		100
81) Benzo(a)anthracene	21.601	228	3185736	50.732	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	996363	45.888	ng		99
83) Chrysene	21.677	228	2990977	49.966	ng		100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1863931	47.476	ng		100
85) Di-n-octyl phthalate	22.812	149	3388228	48.516	ng		99
87) Indeno(1,2,3-cd)pyrene	28.824	276	4013404	51.894	ng	#	77
88) Benzo(b)fluoranthene	23.918	252	3377775	51.939	ng		99
89) Benzo(k)fluoranthene	23.983	252	3229002	48.657	ng		99
90) Benzo(a)pyrene	24.818	252	3250689	51.041	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	3165143	50.012	ng		99
92) Benzo(g,h,i)perylene	30.000	276	3264469	52.450	ng		99

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

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