

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
 Data File : BP025848.D
 Acq On : 24 Sep 2025 16:46
 Operator : CG/JU
 Sample : Q3159-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-245MS

Quant Time: Sep 24 17:07:20 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	7.748	152	159009	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	673733	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	476445	20.000	ng	0.00
64) Phenanthrene-d10	17.171	188	1044040	20.000	ng	-0.01
76) Chrysene-d12	21.612	240	1065793	20.000	ng	-0.03
86) Perylene-d12	24.971	264	1186431	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1181039	119.846	ng	0.00
7) Phenol-d6	6.948	99	1441743	110.069	ng	0.00
23) Nitrobenzene-d5	8.890	82	1057513	69.238	ng	-0.01
42) 2,4,6-Tribromophenol	15.889	330	824186	138.689	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2438104	68.137	ng	-0.01
79) Terphenyl-d14	19.895	244	4738927	79.990	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.307	88	133465	32.269	ng	# 89
3) Pyridine	3.707	79	390572	34.294	ng	95
4) n-Nitrosodimethylamine	3.607	42	196677	36.598	ng	92
6) Aniline	7.084	93	464517	25.834	ng	99
8) 2-Chlorophenol	7.331	128	475902	44.021	ng	98
9) Benzaldehyde	6.901	77	265582	33.828	ng	98
10) Phenol	6.972	94	551465	39.927	ng	97
11) bis(2-Chloroethyl)ether	7.178	93	450967	40.640	ng	95
12) 1,3-Dichlorobenzene	7.637	146	476518	38.728	ng	98
13) 1,4-Dichlorobenzene	7.784	146	488536	38.979	ng	98
14) 1,2-Dichlorobenzene	8.095	146	470112	38.610	ng	99
15) Benzyl Alcohol	7.990	79	473084	43.708	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	687842	37.904	ng	97
17) 2-Methylphenol	8.201	107	418082	44.898	ng	99
18) Hexachloroethane	8.813	117	179960	37.591	ng	96
19) n-Nitroso-di-n-propyla...	8.542	70	383659	41.994	ng	95
20) 3+4-Methylphenols	8.525	107	561779	43.077	ng	98
22) Acetophenone	8.560	105	816372	45.342	ng	99
24) Nitrobenzene	8.931	77	546297	39.870	ng	97
25) Isophorone	9.460	82	1118937	41.680	ng	99
26) 2-Nitrophenol	9.642	139	271359	44.606	ng	92
27) 2,4-Dimethylphenol	9.713	122	483420	45.296	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	655777	42.258	ng	99
29) 2,4-Dichlorophenol	10.195	162	490992	46.142	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	479843	40.012	ng	99
31) Naphthalene	10.566	128	1473442	40.559	ng	99
32) Benzoic acid	9.878	122	218576	27.547	ng	95
33) 4-Chloroaniline	10.689	127	170765	11.278	ng	99
34) Hexachlorobutadiene	10.848	225	308561	39.969	ng	99
35) Caprolactam	11.495	113	171822	41.888	ng	89
36) 4-Chloro-3-methylphenol	11.825	107	589813	46.492	ng	99
37) 2-Methylnaphthalene	12.178	142	1004702	43.059	ng	98
38) 1-Methylnaphthalene	12.395	142	1027270	41.286	ng	100
40) 1,2,4,5-Tetrachloroben...	12.542	216	677149	46.902	ng	99
41) Hexachlorocyclopentadiene	12.519	237	471978	60.023	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	436549	45.995	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	479842	45.426	ng	97
46) 1,1'-Biphenyl	13.189	154	1626348	46.505	ng	100
47) 2-Chloronaphthalene	13.236	162	1162122	42.203	ng	100
48) 2-Nitroaniline	13.448	65	413551	45.053	ng	95
49) Acenaphthylene	14.089	152	1999862	43.833	ng	100
50) Dimethylphthalate	13.825	163	1633541	44.908	ng	100
51) 2,6-Dinitrotoluene	13.948	165	367041	47.627	ng	95
52) Acenaphthene	14.430	154	1116559	42.436	ng	99
53) 3-Nitroaniline	14.289	138	220811	27.247	ng	98
54) 2,4-Dinitrophenol	14.501	184	294924	60.134	ng	98
55) Dibenzofuran	14.772	168	1862296	43.428	ng	99
56) 4-Nitrophenol	14.654	139	507865	73.176	ng	97
57) 2,4-Dinitrotoluene	14.748	165	546457	49.825	ng	90
58) Fluorene	15.436	166	1513935	44.398	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	473266	49.737	ng	96
60) Diethylphthalate	15.201	149	1708787	46.312	ng	99
61) 4-Chlorophenyl-phenyle...	15.430	204	767220	44.644	ng	95
62) 4-Nitroaniline	15.472	138	403522	48.603	ng	96
63) Azobenzene	15.730	77	1594739	44.700	ng	96
65) 4,6-Dinitro-2-methylph...	15.530	198	275124	39.625	ng	90
66) n-Nitrosodiphenylamine	15.642	169	1442042	45.134	ng	99
67) 4-Bromophenyl-phenylether	16.336	248	522082	45.518	ng	99
68) Hexachlorobenzene	16.466	284	598581	46.798	ng	94
69) Atrazine	16.624	200	576640	47.216	ng	98
70) Pentachlorophenol	16.824	266	774207	91.711	ng	99
71) Phenanthrene	17.213	178	2655795	44.843	ng	99
72) Anthracene	17.313	178	2746495	45.706	ng	100
73) Carbazole	17.595	167	2608766	46.697	ng	99
74) Di-n-butylphthalate	18.177	149	3280153	47.845	ng	99
75) Fluoranthene	19.301	202	3266926	45.995	ng	99
77) Benzidine	19.507	184	1102281	35.904	ng	99
78) Pyrene	19.677	202	3399564	47.804	ng	99
80) Butylbenzylphthalate	20.624	149	1566028	50.223	ng	99
81) Benzo(a)anthracene	21.595	228	3281913	44.979	ng	99
82) 3,3'-Dichlorobenzidine	21.512	252	850317	33.703	ng	99
83) Chrysene	21.659	228	3117960	44.827	ng	100
84) Bis(2-ethylhexyl)phtha...	21.524	149	2244377	49.198	ng	100
85) Di-n-octyl phthalate	22.801	149	3892943	47.973	ng	98
87) Indeno(1,2,3-cd)pyrene	28.806	276	4025267	46.654	ng	# 84
88) Benzo(b)fluoranthene	23.924	252	3280952	45.222	ng	99
89) Benzo(k)fluoranthene	23.995	252	3421618	46.216	ng	99
90) Benzo(a)pyrene	24.818	252	3182569	44.793	ng	99
91) Dibenzo(a,h)anthracene	28.888	278	3321054	47.037	ng	99
92) Benzo(g,h,i)perylene	30.006	276	3241742	46.687	ng	100

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

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