

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142847.D
 Acq On : 25 Jun 2025 20:07
 Operator : RC/JU
 Sample : Q2386-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-1-062025MSD

Quant Time: Jun 26 01:20:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	82970	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	310770	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	150165	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	189094	20.000	ng	0.00
76) Chrysene-d12	14.057	240	160851	20.000	ng	0.00
86) Perylene-d12	15.545	264	187947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	538998	108.158	ng	0.02
7) Phenol-d6	6.510	99	591511	100.607	ng	0.00
23) Nitrobenzene-d5	7.445	82	424869	74.989	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160712	104.000	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	880680	77.044	ng	0.00
79) Terphenyl-d14	12.992	244	572626	49.188	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	63133	31.674	ng	# 83
3) Pyridine	3.534	79	141053	28.228	ng	100
4) n-Nitrosodimethylamine	3.469	42	99895	38.659	ng	98
6) Aniline	6.540	93	92127	11.776	ng	# 52
8) 2-Chlorophenol	6.663	128	214243	39.854	ng	99
9) Benzaldehyde	6.428	77	61350	17.588	ng	99
10) Phenol	6.528	94	220340	33.715	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	197059	42.188	ng	96
12) 1,3-Dichlorobenzene	6.822	146	223267	37.137	ng	99
13) 1,4-Dichlorobenzene	6.898	146	224093	36.944	ng	99
14) 1,2-Dichlorobenzene	7.045	146	216818	37.686	ng	98
15) Benzyl Alcohol	7.022	79	177349	41.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	291017	38.779	ng	92
17) 2-Methylphenol	7.134	107	164219	40.311	ng	98
18) Hexachloroethane	7.392	117	78463	36.983	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	141947	41.511	ng	98
20) 3+4-Methylphenols	7.287	107	203073	39.981	ng	91
22) Acetophenone	7.287	105	284980	41.584	ng	99
24) Nitrobenzene	7.463	77	208020	40.565	ng	97
25) Isophorone	7.698	82	377210	41.503	ng	100
26) 2-Nitrophenol	7.781	139	119491	42.776	ng	98
27) 2,4-Dimethylphenol	7.816	122	200094	41.353	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	241876	41.860	ng	100
29) 2,4-Dichlorophenol	8.022	162	183851	41.905	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	194118	40.237	ng	99
31) Naphthalene	8.187	128	627508	41.252	ng	100
32) Benzoic acid	7.928	122	95081	38.553	ng	96
33) 4-Chloroaniline	8.234	127	48724	7.877	ng	98
34) Hexachlorobutadiene	8.298	225	117109	39.684	ng	99
35) Caprolactam	8.604	113	38380	33.151	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	174889	40.109	ng	98
37) 2-Methylnaphthalene	8.875	142	389348	41.285	ng	100
38) 1-Methylnaphthalene	8.975	142	409247	41.920	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	199005	44.913	ng	99
41) Hexachlorocyclopentadiene	9.028	237	204072	81.160	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	127725	44.237	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	132583	43.622	ng	100
46) 1,1'-Biphenyl	9.339	154	521779	43.987	ng	100
47) 2-Chloronaphthalene	9.369	162	387711	43.555	ng	100
48) 2-Nitroaniline	9.463	65	103438	41.447	ng	95
49) Acenaphthylene	9.781	152	623749	42.565	ng	99
50) Dimethylphthalate	9.639	163	456303	46.944	ng	100
51) 2,6-Dinitrotoluene	9.704	165	91799	43.004	ng	97
52) Acenaphthene	9.957	154	470004	52.568	ng	100
53) 3-Nitroaniline	9.869	138	41204	17.532	ng	97
54) 2,4-Dinitrophenol	9.980	184	89582	83.811	ng	99
55) Dibenzofuran	10.128	168	564490	44.029	ng	99
56) 4-Nitrophenol	10.039	139	96494	59.971	ng	98
57) 2,4-Dinitrotoluene	10.110	165	115569	40.758	ng	98
58) Fluorene	10.469	166	445318	44.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	97343	39.733	ng	96
60) Diethylphthalate	10.339	149	400180	41.989	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	198109	41.462	ng	98
62) 4-Nitroaniline	10.486	138	73589	34.236	ng	97
63) Azobenzene	10.622	77	342327	40.189	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	53440	46.723	ng	95
66) n-Nitrosodiphenylamine	10.580	169	335807	51.241	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	112246	52.157	ng	97
68) Hexachlorobenzene	11.016	284	119119	49.813	ng	97
69) Atrazine	11.104	200	82774	48.911	ng	99
70) Pentachlorophenol	11.216	266	106791	89.621	ng	98
71) Phenanthrene	11.433	178	524130	51.169	ng	100
72) Anthracene	11.486	178	469179	44.661	ng	100
73) Carbazole	11.639	167	395076	43.579	ng	100
74) Di-n-butylphthalate	11.963	149	469173	49.679	ng	100
75) Fluoranthene	12.621	202	423876	43.603	ng	99
77) Benzidine	12.745	184	64525	10.677	ng	100
78) Pyrene	12.851	202	423380	28.081	ng	99
80) Butylbenzylphthalate	13.469	149	190094	43.465	ng	96
81) Benzo(a)anthracene	14.045	228	496589	45.764	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	97018	27.565	ng	100
83) Chrysene	14.080	228	452016	46.683	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	300629	47.776	ng	99
85) Di-n-octyl phthalate	14.639	149	568546	47.917	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	362459	25.319	ng	99
88) Benzo(b)fluoranthene	15.110	252	533932	49.095	ng	100
89) Benzo(k)fluoranthene	15.139	252	508069	49.934	ng	99
90) Benzo(a)pyrene	15.480	252	494531	47.069	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	293769	25.256	ng	99
92) Benzo(g,h,i)perylene	17.509	276	257953	22.240	ng	98

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

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