

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
 Data File : BF141068.D
 Acq On : 03 Jan 2025 15:29
 Operator : RC/JU
 Sample : P5398-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 341-349MS

Quant Time: Jan 03 15:49:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	222417	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	884436	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	490192	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	852512	20.000	ng	0.00
76) Chrysene-d12	13.986	240	505955	20.000	ng	0.00
86) Perylene-d12	15.439	264	467838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1807462	122.496	ng	0.02
7) Phenol-d6	6.451	99	2219775	116.782	ng	0.00
23) Nitrobenzene-d5	7.392	82	1551337	112.220	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	800405	168.038	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2794769	90.837	ng	0.00
79) Terphenyl-d14	12.933	244	3339279	109.625	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	294481	44.083	ng	# 82
3) Pyridine	3.457	79	543968	33.321	ng	97
4) n-Nitrosodimethylamine	3.393	42	373553	45.161	ng	99
6) Aniline	6.492	93	226951	13.388	ng	99
8) 2-Chlorophenol	6.610	128	768521	49.402	ng	97
10) Phenol	6.469	94	828878	42.172	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	726209	45.760	ng	97
12) 1,3-Dichlorobenzene	6.769	146	773066	45.028	ng	99
13) 1,4-Dichlorobenzene	6.845	146	789847	45.637	ng	99
14) 1,2-Dichlorobenzene	6.998	146	749089	46.421	ng	98
15) Benzyl Alcohol	6.969	79	630766	46.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1085399	45.225	ng	98
17) 2-Methylphenol	7.075	107	611002	47.276	ng	100
18) Hexachloroethane	7.339	117	283747	46.152	ng	100
19) n-Nitroso-di-n-propyla...	7.239	70	533086	45.779	ng	99
20) 3+4-Methylphenols	7.228	107	743249	45.445	ng	# 89
22) Acetophenone	7.234	105	997506	45.975	ng	96
24) Nitrobenzene	7.410	77	792326	51.293	ng	95
25) Isophorone	7.645	82	1439441	47.851	ng	100
26) 2-Nitrophenol	7.722	139	389090	59.977	ng	99
27) 2,4-Dimethylphenol	7.757	122	634389	57.703	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	884104	46.387	ng	99
29) 2,4-Dichlorophenol	7.963	162	624149	50.057	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	641623	45.464	ng	99
31) Naphthalene	8.128	128	2153998	46.219	ng	99
32) Benzoic acid	7.869	122	483957	52.611	ng	96
33) 4-Chloroaniline	8.175	127	65949	3.912	ng	99
34) Hexachlorobutadiene	8.245	225	381742	45.883	ng	99
35) Caprolactam	8.539	113	196162m	46.277	ng	
36) 4-Chloro-3-methylphenol	8.657	107	688642	49.731	ng	98
37) 2-Methylnaphthalene	8.816	142	1427181	47.869	ng	100
38) 1-Methylnaphthalene	8.916	142	1349569	46.059	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	629921	46.710	ng	99
41) Hexachlorocyclopentadiene	8.975	237	700948	156.845	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	475104	52.933	ng	99
44) 2,4,5-Trichlorophenol	9.133	196	459233	50.005	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.280	154	1756015	46.785	ng	100
47) 2-Chloronaphthalene	9.310	162	1337841	45.958	ng	99
48) 2-Nitroaniline	9.398	65	422149	54.715	ng	96
49) Acenaphthylene	9.722	152	2089023	49.851	ng	99
50) Dimethylphthalate	9.586	163	1622820	50.330	ng	100
51) 2,6-Dinitrotoluene	9.645	165	363147	54.677	ng	94
52) Acenaphthene	9.892	154	1543424	54.480	ng	100
53) 3-Nitroaniline	9.810	138	65207	11.763	ng	# 96
54) 2,4-Dinitrophenol	9.916	184	397911	122.140	ng	# 1
55) Dibenzofuran	10.069	168	1908921	47.947	ng	99
56) 4-Nitrophenol	9.969	139	596205	108.097	ng	96
57) 2,4-Dinitrotoluene	10.045	165	500332	60.851	ng	97
58) Fluorene	10.410	166	1439303	46.620	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	417063	54.834	ng	99
60) Diethylphthalate	10.286	149	1583109	49.734	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	701137	47.197	ng	97
62) 4-Nitroaniline	10.422	138	289158	41.001	ng	95
63) Azobenzene	10.563	77	1566617	46.889	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	267625	72.753	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1177534	43.863	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	473899	51.422	ng	97
68) Hexachlorobenzene	10.957	284	514039	50.585	ng	98
69) Atrazine	11.045	200	288520	38.471	ng	100
70) Pentachlorophenol	11.151	266	675946	106.838	ng	100
71) Phenanthrene	11.374	178	2233267	49.774	ng	100
72) Anthracene	11.422	178	2261896	51.447	ng	100
73) Carbazole	11.574	167	1791109	42.378	ng	100
74) Di-n-butylphthalate	11.910	149	2457636	51.124	ng	100
75) Fluoranthene	12.557	202	2284394	46.943	ng	99
77) Benzidine	12.680	184	43852	4.101	ng	97
78) Pyrene	12.786	202	2293039	51.820	ng	100
80) Butylbenzylphthalate	13.410	149	941179	58.249	ng	98
81) Benzo(a)anthracene	13.974	228	1597839	45.313	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	52459	4.952	ng	98
83) Chrysene	14.010	228	1542099	48.513	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	1130411	53.934	ng	100
85) Di-n-octyl phthalate	14.586	149	1652856	54.487	ng	98
87) Indeno(1,2,3-cd)pyrene	16.892	276	1726993	58.592	ng	98
88) Benzo(b)fluoranthene	15.015	252	1573568	48.226	ng	100
89) Benzo(k)fluoranthene	15.045	252	1323643	51.759	ng	99
90) Benzo(a)pyrene	15.380	252	1362744	53.808	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1414422	59.199	ng	98
92) Benzo(g,h,i)perylene	17.333	276	1268784	51.200	ng	98

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

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