

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141828.D
 Acq On : 04 Mar 2025 15:48
 Operator : RC/JU
 Sample : Q1480-25MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Mar 04 16:20:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy
 Claudio

03/05/2025
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	280974	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1094421	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	576961	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	904924	20.000	ng	0.00
76) Chrysene-d12	14.039	240	549629	20.000	ng	-0.01
86) Perylene-d12	15.510	264	574685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1936854	110.086	ng	0.02
7) Phenol-d6	6.510	99	2422796	105.798	ng	0.00
23) Nitrobenzene-d5	7.445	82	1580741	92.324	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	630832	116.462	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2773689	77.084	ng	0.00
79) Terphenyl-d14	12.986	244	2416712	71.140	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	336186	42.112	ng	99
3) Pyridine	3.540	79	802639	40.409	ng	100
4) n-Nitrosodimethylamine	3.481	42	410148	42.914	ng	95
6) Aniline	6.546	93	722924	30.365	ng	99
8) 2-Chlorophenol	6.669	128	815308	42.838	ng	98
9) Benzaldehyde	6.434	77	310132	23.282	ng	99
10) Phenol	6.522	94	1011950	41.353	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	760280	40.759	ng	99
12) 1,3-Dichlorobenzene	6.828	146	853360	41.868	ng	99
13) 1,4-Dichlorobenzene	6.904	146	862010	41.973	ng	99
14) 1,2-Dichlorobenzene	7.057	146	820877	42.804	ng	99
15) Benzyl Alcohol	7.022	79	727190	39.733	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1162884	41.051	ng	99
17) 2-Methylphenol	7.128	107	659204	41.961	ng	99
18) Hexachloroethane	7.398	117	321061	41.768	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	582719	38.709	ng	97
20) 3+4-Methylphenols	7.281	107	809830	41.398	ng	93
22) Acetophenone	7.293	105	1198092	44.949	ng	99
24) Nitrobenzene	7.463	77	861089	46.965	ng	100
25) Isophorone	7.704	82	1571659	42.727	ng	100
26) 2-Nitrophenol	7.781	139	391901	47.863	ng	99
27) 2,4-Dimethylphenol	7.810	122	705359	52.166	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	946042	40.318	ng	100
29) 2,4-Dichlorophenol	8.016	162	665075	42.636	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	719985	42.122	ng	99
31) Naphthalene	8.187	128	2321956	41.280	ng	99
32) Benzoic acid	7.904	122	322264m	31.671	ng	
33) 4-Chloroaniline	8.228	127	333294	16.160	ng	99
34) Hexachlorobutadiene	8.304	225	446279	42.016	ng	99
35) Caprolactam	8.592	113	210546m	43.876	ng	
36) 4-Chloro-3-methylphenol	8.710	107	701351	40.475	ng	96
37) 2-Methylnaphthalene	8.875	142	1463065	39.656	ng	99
38) 1-Methylnaphthalene	8.975	142	1425991	40.281	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	767326	46.049	ng	99
41) Hexachlorocyclopentadiene	9.034	237	980152	140.947	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	481377	44.722	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	477240	44.775	ng	100
46) 1,1'-Biphenyl	9.339	154	2031934	46.269	ng	99
47) 2-Chloronaphthalene	9.369	162	1403924	43.313	ng	99
48) 2-Nitroaniline	9.457	65	425033	47.914	ng	99
49) Acenaphthylene	9.781	152	2145476	44.148	ng	99
50) Dimethylphthalate	9.639	163	1581162	40.923	ng	100
51) 2,6-Dinitrotoluene	9.698	165	342750	46.467	ng	97
52) Acenaphthene	9.951	154	1470170	44.834	ng	99
53) 3-Nitroaniline	9.869	138	221470	29.358	ng	# 95
54) 2,4-Dinitrophenol	9.975	184	269264	79.519	ng	# 1
55) Dibenzofuran	10.128	168	1925297	40.339	ng	98
56) 4-Nitrophenol	10.022	139	609134	106.742	ng	98
57) 2,4-Dinitrotoluene	10.104	165	446180	49.316	ng	96
58) Fluorene	10.469	166	1454753	40.692	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	397375	42.867	ng	99
60) Diethylphthalate	10.339	149	1529579	39.489	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	717216	40.040	ng	99
62) 4-Nitroaniline	10.481	138	338247	51.262	ng	96
63) Azobenzene	10.622	77	1714859	42.048	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	196107	46.355	ng	93
66) n-Nitrosodiphenylamine	10.581	169	1289618	43.400	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	449308	42.508	ng	97
68) Hexachlorobenzene	11.016	284	480534	43.053	ng	100
69) Atrazine	11.104	200	467139	57.168	ng	99
70) Pentachlorophenol	11.204	266	567096	80.110	ng	100
71) Phenanthrene	11.433	178	2098818	43.360	ng	100
72) Anthracene	11.481	178	2120557	43.712	ng	100
73) Carbazole	11.633	167	1784440	41.654	ng	99
74) Di-n-butylphthalate	11.963	149	2201206	40.536	ng	100
75) Fluoranthene	12.616	202	1990131	40.125	ng	99
77) Benzidine	12.733	184	710660	102.728	ng	100
78) Pyrene	12.845	202	1995623	41.930	ng	100
80) Butylbenzylphthalate	13.463	149	773034	44.704	ng	99
81) Benzo(a)anthracene	14.027	228	1599557	44.060	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	315204	30.262	ng	100
83) Chrysene	14.069	228	1385334	41.396	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	1010991	46.954	ng	99
85) Di-n-octyl phthalate	14.633	149	1623744	50.372	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1783630	48.741	ng	99
88) Benzo(b)fluoranthene	15.080	252	1467507	37.488	ng	100
89) Benzo(k)fluoranthene	15.110	252	1400890	42.104	ng	100
90) Benzo(a)pyrene	15.451	252	1396307	44.476	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1432699	47.964	ng	98
92) Benzo(g,h,i)perylene	17.451	276	1394513	45.571	ng	99

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

Manual Integrations

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