

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141388.D
 Acq On : 03 Feb 2025 23:56
 Operator : RC/JU
 Sample : Q1271-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 04 01:55:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	76246	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	301527	20.000	ng	#-0.01
39) Acenaphthene-d10	9.833	164	155603	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	223623	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	145645	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	142381	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	620867	125.011	ng	0.01
7) Phenol-d6	6.439	99	772556	122.278	ng	0.00
23) Nitrobenzene-d5	7.357	82	498690	87.187	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	179271	125.670	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	857576	84.830	ng	-0.01
79) Terphenyl-d14	12.904	244	639907	67.758	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	111118	50.872	ng	98
3) Pyridine	3.287	79	248629	47.244	ng	97
4) n-Nitrosodimethylamine	3.240	42	161867	53.841	ng	92
6) Aniline	6.457	93	130596	24.419	ng	# 1
8) 2-Chlorophenol	6.586	128	272354	51.163	ng	96
9) Benzaldehyde	6.345	77	203633	55.643	ng	99
10) Phenol	6.451	94	325967	48.670	ng	82
11) bis(2-Chloroethyl)ether	6.534	93	249978	48.679	ng	98
12) 1,3-Dichlorobenzene	6.734	146	285887	48.708	ng	99
13) 1,4-Dichlorobenzene	6.810	146	289349	49.072	ng	99
14) 1,2-Dichlorobenzene	6.963	146	279057	50.542	ng	99
15) Benzyl Alcohol	6.939	79	243046	56.291	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	417173	46.717	ng	51
17) 2-Methylphenol	7.063	107	210945	48.758	ng	# 89
18) Hexachloroethane	7.304	117	108763	50.001	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	187790	50.021	ng	99
20) 3+4-Methylphenols	7.216	107	277698	52.277	ng	# 82
22) Acetophenone	7.204	105	417357	58.231	ng	# 96
24) Nitrobenzene	7.381	77	285677	48.196	ng	99
25) Isophorone	7.616	82	503423	50.917	ng	99
26) 2-Nitrophenol	7.692	139	143607	51.371	ng	94
27) 2,4-Dimethylphenol	7.739	122	224857m	63.195	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	306900	48.662	ng	99
29) 2,4-Dichlorophenol	7.945	162	220692	50.664	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	240871	48.420	ng	99
31) Naphthalene	8.098	128	773759	48.576	ng	100
32) Benzoic acid	7.863	122	186127	56.903	ng	98
33) 4-Chloroaniline	8.151	127	50035	9.263	ng	99
34) Hexachlorobutadiene	8.216	225	148319	50.841	ng	100
35) Caprolactam	8.516	113	73535m	51.690	ng	
36) 4-Chloro-3-methylphenol	8.645	107	237879	50.911	ng	96
37) 2-Methylnaphthalene	8.786	142	485590	47.964	ng	99
38) 1-Methylnaphthalene	8.886	142	474367	47.699	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	257424	58.152	ng	98
41) Hexachlorocyclopentadiene	8.945	237	250420	191.549	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	153834	53.093	ng	98

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44) 2,4,5-Trichlorophenol	9.122	196	160626	50.935	ng	99
46) 1,1'-Biphenyl	9.257	154	695127	57.282	ng	99
47) 2-Chloronaphthalene	9.280	162	463216	48.973	ng	99
48) 2-Nitroaniline	9.375	65	155632	52.311	ng	95
49) Acenaphthylene	9.692	152	718827	54.290	ng	99
50) Dimethylphthalate	9.557	163	556241	52.928	ng	100
51) 2,6-Dinitrotoluene	9.616	165	119498	48.972	ng	94
52) Acenaphthene	9.869	154	546124	57.736	ng	99
53) 3-Nitroaniline	9.786	138	55514	23.212	ng	96
54) 2,4-Dinitrophenol	9.898	184	136313	120.172	ng	94
55) Dibenzofuran	10.039	168	642639	50.756	ng	97
56) 4-Nitrophenol	9.969	139	176972	101.180	ng	91
57) 2,4-Dinitrotoluene	10.022	165	157879	49.973	ng	95
58) Fluorene	10.380	166	501877	51.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	129014	52.002	ng	98
60) Diethylphthalate	10.257	149	519392	50.971	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	240624	50.157	ng	97
62) 4-Nitroaniline	10.404	138	105568	44.898	ng	94
63) Azobenzene	10.533	77	533602	52.314	ng	97
65) 4,6-Dinitro-2-methylph...	10.427	198	82252	62.184	ng	95
66) n-Nitrosodiphenylamine	10.492	169	427136	59.056	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	144692	57.795	ng	98
68) Hexachlorobenzene	10.927	284	144183	54.293	ng	99
69) Atrazine	11.021	200	152336	62.994	ng	100
70) Pentachlorophenol	11.127	266	168867	108.590	ng	99
71) Phenanthrene	11.345	178	796885	66.293	ng	99
72) Anthracene	11.398	178	692848	58.825	ng	100
73) Carbazole	11.551	167	539352	51.643	ng	99
74) Di-n-butylphthalate	11.886	149	672459	53.130	ng	100
75) Fluoranthene	12.533	202	863812	72.779	ng	98
77) Benzidine	12.657	184	168597	36.109	ng	100
78) Pyrene	12.763	202	817696	58.488	ng	100
80) Butylbenzylphthalate	13.380	149	227604	46.600	ng	99
81) Benzo(a)anthracene	13.951	228	611572	60.851	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	71425	22.345	ng	97
83) Chrysene	13.986	228	555374	60.296	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	294695	47.564	ng	99
85) Di-n-octyl phthalate	14.557	149	498329	51.784	ng	99
87) Indeno(1,2,3-cd)pyrene	16.845	276	417175	45.396	ng	95
88) Benzo(b)fluoranthene	14.992	252	608607	67.954	ng	98
89) Benzo(k)fluoranthene	15.015	252	482743	60.844	ng	98
90) Benzo(a)pyrene	15.351	252	499096	65.945	ng	# 97
91) Dibenzo(a,h)anthracene	16.862	278	324601	43.904	ng	98
92) Benzo(g,h,i)perylene	17.280	276	309500	40.260	ng	95

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

