

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141387.D
 Acq On : 03 Feb 2025 23:30
 Operator : RC/JU
 Sample : Q1271-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030MS

Quant Time: Feb 04 01:54:28 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	86988	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	341693	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	181294	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	272543	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	165713	20.000	ng	-0.02
86) Perylene-d12	15.404	264	173783	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	634352	111.953	ng	0.01
7) Phenol-d6	6.440	99	791408	109.793	ng	0.00
23) Nitrobenzene-d5	7.357	82	510813	78.808	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	195923	117.880	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	901508	76.538	ng	-0.01
79) Terphenyl-d14	12.904	244	687924	64.021	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	111945	44.922	ng	98
3) Pyridine	3.293	79	235329	39.194	ng	98
4) n-Nitrosodimethylamine	3.240	42	161423	47.063	ng	91
6) Aniline	6.457	93	131481	21.549	ng	# 1
8) 2-Chlorophenol	6.587	128	280254	46.146	ng	96
9) Benzaldehyde	6.345	77	211211	50.587	ng	98
10) Phenol	6.451	94	337241	44.136	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	259599	44.310	ng	97
12) 1,3-Dichlorobenzene	6.734	146	292838	43.731	ng	99
13) 1,4-Dichlorobenzene	6.810	146	301360	44.798	ng	99
14) 1,2-Dichlorobenzene	6.963	146	284363	45.143	ng	100
15) Benzyl Alcohol	6.940	79	246928	50.127	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438487	43.041	ng	56
17) 2-Methylphenol	7.063	107	216772	43.917	ng	# 88
18) Hexachloroethane	7.304	117	113376	45.685	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	195583	45.664	ng	97
20) 3+4-Methylphenols	7.216	107	282742	46.653	ng	# 83
22) Acetophenone	7.204	105	431712	53.153	ng	# 96
24) Nitrobenzene	7.375	77	296247	44.104	ng	98
25) Isophorone	7.616	82	518170	46.248	ng	99
26) 2-Nitrophenol	7.692	139	150266	47.434	ng	96
27) 2,4-Dimethylphenol	7.734	122	232577m	57.681	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	315461	44.140	ng	99
29) 2,4-Dichlorophenol	7.945	162	229855	46.564	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	247233	43.856	ng	99
31) Naphthalene	8.098	128	815414	45.173	ng	100
32) Benzoic acid	7.863	122	188107	50.748	ng	96
33) 4-Chloroaniline	8.151	127	52536	8.583	ng	99
34) Hexachlorobutadiene	8.216	225	152646	46.173	ng	100
35) Caprolactam	8.516	113	76091m	47.199	ng	
36) 4-Chloro-3-methylphenol	8.645	107	246044	46.468	ng	97
37) 2-Methylnaphthalene	8.787	142	508246	44.300	ng	100
38) 1-Methylnaphthalene	8.886	142	496234	44.032	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	270737	52.493	ng	98
41) Hexachlorocyclopentadiene	8.939	237	287668	188.859	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	159390	47.215	ng	98

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44) 2,4,5-Trichlorophenol	9.122	196	170486	46.401	ng	99
46) 1,1'-Biphenyl	9.251	154	729449	51.592	ng	99
47) 2-Chloronaphthalene	9.281	162	496124	45.019	ng	99
48) 2-Nitroaniline	9.375	65	163684	47.221	ng	96
49) Acenaphthylene	9.692	152	768904	49.843	ng	100
50) Dimethylphthalate	9.557	163	580794	47.433	ng	99
51) 2,6-Dinitrotoluene	9.616	165	124666	43.850	ng	95
52) Acenaphthene	9.863	154	575834m	52.250	ng	
53) 3-Nitroaniline	9.786	138	62903	22.574	ng	99
54) 2,4-Dinitrophenol	9.898	184	149460	113.090	ng	95
55) Dibenzofuran	10.039	168	686926	46.565	ng	97
56) 4-Nitrophenol	9.969	139	194455	95.421	ng	94
57) 2,4-Dinitrotoluene	10.022	165	172539	46.874	ng	98
58) Fluorene	10.381	166	540469	47.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	140025	48.442	ng	99
60) Diethylphthalate	10.257	149	552588	46.544	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	258228	46.199	ng	99
62) 4-Nitroaniline	10.404	138	119359	43.570	ng	95
63) Azobenzene	10.533	77	575227	48.403	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	94305	58.499	ng	95
66) n-Nitrosodiphenylamine	10.492	169	461385	52.341	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	155102	50.833	ng	99
68) Hexachlorobenzene	10.928	284	156515	48.358	ng	98
69) Atrazine	11.022	200	165257	56.071	ng	99
70) Pentachlorophenol	11.128	266	187070	98.703	ng	98
71) Phenanthrene	11.345	178	899732	61.414	ng	100
72) Anthracene	11.398	178	775413	54.018	ng	100
73) Carbazole	11.551	167	599245	47.079	ng	99
74) Di-n-butylphthalate	11.880	149	740107	47.979	ng	100
75) Fluoranthene	12.533	202	939002	64.913	ng	99
77) Benzidine	12.657	184	162879	30.660	ng	99
78) Pyrene	12.763	202	885157	55.646	ng	100
80) Butylbenzylphthalate	13.380	149	238234	42.870	ng	99
81) Benzo(a)anthracene	13.951	228	647937	56.662	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	63372	17.425	ng	99
83) Chrysene	13.986	228	575787	54.942	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	315365	44.736	ng	98
85) Di-n-octyl phthalate	14.557	149	517559	47.269	ng	99
87) Indeno(1,2,3-cd)pyrene	16.845	276	473633	42.227	ng	96
88) Benzo(b)fluoranthene	14.986	252	675061	61.754	ng	99
89) Benzo(k)fluoranthene	15.015	252	490267	50.627	ng	99
90) Benzo(a)pyrene	15.345	252	545989	59.105	ng	98
91) Dibenzo(a,h)anthracene	16.862	278	365614	40.516	ng	98
92) Benzo(g,h,i)perylene	17.280	276	354400	37.770	ng	96

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

