

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064157.D
 Acq On : 2 Apr 2025 17:44
 Operator : RC/JU
 Sample : Q1687-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016MS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 03 01:18:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	43316	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	190279	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	127889	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	265025	20.000	ng	0.00
76) Chrysene-d12	21.460	240	262247	20.000	ng	0.00
86) Perylene-d12	24.468	264	282527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.455	112	370725	133.638	ng	0.00
7) Phenol-d6	7.035	99	464926	123.197	ng	0.00
23) Nitrobenzene-d5	9.015	82	323196	93.864	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	204685	143.985	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	696118	82.620	ng	0.00
79) Terphenyl-d14	19.844	244	986659	76.074	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	42305	33.649	ng	96
3) Pyridine	3.757	79	119577	39.108	ng	98
4) n-Nitrosodimethylamine	3.675	42	93960	43.011	ng	# 98
6) Aniline	7.188	93	96593	26.084	ng	96
8) 2-Chlorophenol	7.429	128	159521	53.541	ng	97
9) Benzaldehyde	7.000	77	104467	47.597	ng	98
10) Phenol	7.059	94	195313	50.549	ng	95
11) bis(2-Chloroethyl)ether	7.288	93	142387	47.005	ng	97
12) 1,3-Dichlorobenzene	7.752	146	159602	48.781	ng	97
13) 1,4-Dichlorobenzene	7.893	146	162451	48.441	ng	97
14) 1,2-Dichlorobenzene	8.211	146	159781	49.410	ng	97
15) Benzyl Alcohol	8.099	79	152940	52.444	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	323141	47.442	ng	99
17) 2-Methylphenol	8.299	107	136215	53.118	ng	95
18) Hexachloroethane	8.939	117	64237	54.748	ng	98
19) n-Nitroso-di-n-propyla...	8.663	70	127296	48.064	ng	98
20) 3+4-Methylphenols	8.628	107	185202	52.460	ng	94
22) Acetophenone	8.681	105	244056	46.780	ng	# 98
24) Nitrobenzene	9.057	77	184831	51.942	ng	98
25) Isophorone	9.580	82	338103	49.059	ng	# 93
26) 2-Nitrophenol	9.762	139	81256	61.943	ng	96
27) 2,4-Dimethylphenol	9.826	122	157502	76.234	ng	97
28) bis(2-Chloroethoxy)met...	10.061	93	197211	47.199	ng	98
29) 2,4-Dichlorophenol	10.296	162	145878	55.917	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	157083	49.878	ng	97
31) Naphthalene	10.702	128	501508	48.878	ng	99
32) Benzoic acid	9.973	122	106078	54.480	ng	98
33) 4-Chloroaniline	10.802	127	44382	11.835	ng	97
34) Hexachlorobutadiene	10.990	225	106744	51.711	ng	96
35) Caprolactam	11.577	113	47236m	47.248	ng	
36) 4-Chloro-3-methylphenol	11.930	107	177990	52.049	ng	99
37) 2-Methylnaphthalene	12.306	142	333160	45.995	ng	97
38) 1-Methylnaphthalene	12.529	142	346646	48.848	ng	98
40) 1,2,4,5-Tetrachloroben...	12.676	216	192995	52.859	ng	97
41) Hexachlorocyclopentadiene	12.658	237	204683	199.182	ng	95
43) 2,4,6-Trichlorophenol	12.911	196	125796	58.459	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	142257	59.496	ng	98
46) 1,1'-Biphenyl	13.322	154	492941	51.018	ng	98
47) 2-Chloronaphthalene	13.357	162	362598	51.455	ng	99
48) 2-Nitroaniline	13.557	65	130838	54.429	ng	98
49) Acenaphthylene	14.204	152	593199	53.220	ng	98
50) Dimethylphthalate	13.945	163	440844	46.697	ng	100
51) 2,6-Dinitrotoluene	14.057	165	97543	50.726	ng	96
52) Acenaphthene	14.550	154	365488	48.860	ng	99
53) 3-Nitroaniline	14.380	138	46497	25.484	ng	99
54) 2,4-Dinitrophenol	14.591	184	98948	119.588	ng	# 81
55) Dibenzofuran	14.885	168	578693	47.755	ng	100
56) 4-Nitrophenol	14.697	139	169793	110.960	ng	# 86
57) 2,4-Dinitrotoluene	14.844	165	139654	52.479	ng	# 95
58) Fluorene	15.531	166	474951	50.322	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.108	232	127830	54.839	ng	# 94
60) Diethylphthalate	15.314	149	472461	46.100	ng	100
61) 4-Chlorophenyl-phenyle...	15.526	204	217226	46.315	ng	# 89
62) 4-Nitroaniline	15.549	138	93889	47.662	ng	95
63) Azobenzene	15.819	77	511522	46.774	ng	97
65) 4,6-Dinitro-2-methylph...	15.608	198	74975	62.505	ng	93
66) n-Nitrosodiphenylamine	15.743	169	396447	52.847	ng	97
67) 4-Bromophenyl-phenylether	16.419	248	148201	54.599	ng	96
68) Hexachlorobenzene	16.536	284	155929	51.312	ng	97
69) Atrazine	16.695	200	157790	71.486	ng	96
70) Pentachlorophenol	16.877	266	222621	117.990	ng	98
71) Phenanthrene	17.271	178	1060213	75.002	ng	99
72) Anthracene	17.359	178	857506	61.006	ng	98
73) Carbazole	17.623	167	722612	55.062	ng	100
74) Di-n-butylphthalate	18.193	149	796427	51.556	ng	99
75) Fluoranthene	19.280	202	1276859	74.925	ng	98
77) Benzidine	19.462	184	299095	82.364	ng	99
78) Pyrene	19.638	202	1492921	88.313	ng	98
80) Butylbenzylphthalate	20.537	149	358367	55.850	ng	98
81) Benzo(a)anthracene	21.442	228	1057923	62.976	ng	99
82) 3,3'-Dichlorobenzidine	21.360	252	67895	12.488	ng	# 96
83) Chrysene	21.501	228	1073498	64.072	ng	98
84) Bis(2-ethylhexyl)phtha...	21.372	149	530404	58.382	ng	97
85) Di-n-octyl phthalate	22.511	149	907122	57.888	ng	98
87) Indeno(1,2,3-cd)pyrene	27.882	276	1081138	57.193	ng	98
88) Benzo(b)fluoranthene	23.528	252	1055020	61.770	ng	98
89) Benzo(k)fluoranthene	23.587	252	914750	53.386	ng	98
90) Benzo(a)pyrene	24.333	252	921559	60.585	ng	99
91) Dibenzo(a,h)anthracene	27.935	278	848715	54.157	ng	100
92) Benzo(g,h,i)perylene	28.933	276	869934	54.066	ng	99

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

