

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071422\
 Data File : BG054292.D
 Acq On : 14 Jul 2022 23:16
 Operator : CG/JU
 Sample : N3688-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12016MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 01:59:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	22499	20.000	ng	0.00
21) Naphthalene-d8	10.850	136	91278	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	75735	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	193722	20.000	ng	# 0.00
76) Chrysene-d12	21.684	240	220794	20.000	ng	# 0.00
86) Perylene-d12	24.922	264	240997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	111188	99.288	ng	0.00
7) Phenol-d6	7.207	99	150947	97.728	ng	0.00
23) Nitrobenzene-d5	9.205	82	98807	58.743	ng	0.00
42) 2,4,6-Tribromophenol	16.155	330	153014	104.300	ng	0.00
45) 2-Fluorobiphenyl	13.294	172	326642	63.372	ng	0.00
79) Terphenyl-d14	20.016	244	716024	66.687	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.482	88	10631	21.707	ng	# 93
3) Pyridine	3.882	79	30026	24.548	ng	97
4) n-Nitrosodimethylamine	3.793	42	23032	37.272	ng	# 69
6) Aniline	7.360	93	48588	26.761	ng	99
8) 2-Chlorophenol	7.607	128	50026	39.856	ng	90
9) Benzaldehyde	7.172	77	25538m	27.534	ng	
10) Phenol	7.237	94	58425	37.492	ng	92
11) bis(2-Chloroethyl)ether	7.454	93	38358	33.377	ng	90
12) 1,3-Dichlorobenzene	7.930	146	56457	37.044	ng	90
13) 1,4-Dichlorobenzene	8.071	146	57976	37.122	ng	93
14) 1,2-Dichlorobenzene	8.394	146	55996	37.339	ng	96
15) Benzyl Alcohol	8.276	79	48163	38.680	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.559	45	47819	29.966	ng	93
17) 2-Methylphenol	8.488	107	40673	36.530	ng	95
18) Hexachloroethane	9.123	117	19125	35.992	ng	# 58
19) n-Nitroso-di-n-propyla...	8.841	70	34817	33.019	ng	# 96
20) 3+4-Methylphenols	8.817	107	55845	35.747	ng	95
22) Acetophenone	8.858	105	73989	33.541	ng	# 98
24) Nitrobenzene	9.246	77	56098	33.925	ng	# 90
25) Isophorone	9.769	82	99172	32.593	ng	# 89
26) 2-Nitrophenol	9.957	139	29953	36.767	ng	# 86
27) 2,4-Dimethylphenol	10.022	122	47296	41.505	ng	89
28) bis(2-Chloroethoxy)met...	10.245	93	54407	35.126	ng	# 97
29) 2,4-Dichlorophenol	10.503	162	63355	38.360	ng	88
30) 1,2,4-Trichlorobenzene	10.709	180	74357	36.490	ng	94
31) Naphthalene	10.897	128	155484	33.874	ng	100
32) Benzoic acid	10.186	122	15739m	32.189	ng	
33) 4-Chloroaniline	11.003	127	33721	17.666	ng	94
34) Hexachlorobutadiene	11.185	225	65873	38.959	ng	94
35) Caprolactam	11.778	113	15339m	32.612	ng	
36) 4-Chloro-3-methylphenol	12.131	107	57112	35.943	ng	# 88
37) 2-Methylnaphthalene	12.501	142	120639	34.296	ng	96
38) 1-Methylnaphthalene	12.718	142	116302m	34.054	ng	
40) 1,2,4,5-Tetrachloroben...	12.871	216	118133	38.427	ng	# 95
41) Hexachlorocyclopentadiene	12.848	237	77408	71.739	ng	98
43) 2,4,6-Trichlorophenol	13.106	196	64931	36.777	ng	98

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44) 2,4,5-Trichlorophenol	13.188	196	71237	36.887	ng	# 88
46) 1,1'-Biphenyl	13.500	154	179220	35.190	ng	96
47) 2-Chloronaphthalene	13.547	162	148963	34.988	ng	95
48) 2-Nitroaniline	13.747	65	37613	31.214	ng	90
49) Acenaphthylene	14.393	152	220953	34.209	ng	100
50) Dimethylphthalate	14.117	163	192338	32.345	ng	# 99
51) 2,6-Dinitrotoluene	14.240	165	44066	34.094	ng	# 78
52) Acenaphthene	14.734	154	130174	33.321	ng	97
53) 3-Nitroaniline	14.569	138	26990	23.559	ng	84
54) 2,4-Dinitrophenol	14.787	184	43040	61.788	ng	# 77
55) Dibenzofuran	15.069	168	236554	34.474	ng	94
56) 4-Nitrophenol	14.892	139	51381	69.810	ng	95
57) 2,4-Dinitrotoluene	15.033	165	62114	33.190	ng	# 83
58) Fluorene	15.715	166	191034	33.513	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.298	232	67831	35.067	ng	# 83
60) Diethylphthalate	15.480	149	184537	31.818	ng	96
61) 4-Chlorophenyl-phenyle...	15.703	204	131721	36.378	ng	# 86
62) 4-Nitroaniline	15.732	138	33821	28.264	ng	94
63) Azobenzene	15.997	77	131605	30.110	ng	82
65) 4,6-Dinitro-2-methylph...	15.797	198	37414	32.830	ng	80
66) n-Nitrosodiphenylamine	15.920	169	171848	35.170	ng	94
67) 4-Bromophenyl-phenylether	16.596	248	98738	38.214	ng	# 88
68) Hexachlorobenzene	16.725	284	114000	38.655	ng	# 90
69) Atrazine	16.861	200	84794	39.291	ng	94
70) Pentachlorophenol	17.072	266	91323	68.922	ng	93
71) Phenanthrene	17.454	178	372070	38.396	ng	97
72) Anthracene	17.548	178	333622	35.154	ng	99
73) Carbazole	17.812	167	267367	33.268	ng	98
74) Di-n-butylphthalate	18.365	149	301360	31.667	ng	98
75) Fluoranthene	19.463	202	579697	43.988	ng	95
77) Benzidine	19.640	184	149743	38.635	ng	98
78) Pyrene	19.828	202	553547	43.562	ng	97
80) Butylbenzylphthalate	20.703	149	128321	31.166	ng	# 83
81) Benzo(a)anthracene	21.667	228	557095	39.887	ng	99
82) 3,3'-Dichlorobenzidine	21.573	252	129141	30.252	ng	# 94
83) Chrysene	21.731	228	522016	39.517	ng	97
84) Bis(2-ethylhexyl)phtha...	21.561	149	187016	32.014	ng	# 93
85) Di-n-octyl phthalate	22.777	149	351595	34.961	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.647	276	671345	37.029	ng	# 98
88) Benzo(b)fluoranthene	23.899	252	609187m	42.628	ng	
89) Benzo(k)fluoranthene	23.964	252	537728	37.928	ng	# 98
90) Benzo(a)pyrene	24.775	252	530042m	43.348	ng	
91) Dibenzo(a,h)anthracene	28.688	278	533788	35.939	ng	# 95
92) Benzo(g,h,i)perylene	29.798	276	582363	39.311	ng	# 93

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

