

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091222\
 Data File : BG054913.D
 Acq On : 12 Sep 2022 19:37
 Operator : CG/JU
 Sample : N4572-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124037MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/13/2022
 Supervised By : Jagrut Upadhyay 09/13/2022

Quant Time: Sep 13 03:07:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	36531	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	151911	20.000	ng	# 0.00
39) Acenaphthene-d10	14.780	164	109711	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	258904	20.000	ng	0.00
76) Chrysene-d12	21.825	240	252562	20.000	ng	0.00
86) Perylene-d12	25.198	264	277886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	273468	130.357	ng	0.00
7) Phenol-d6	7.301	99	367781	128.193	ng	0.00
23) Nitrobenzene-d5	9.316	82	209944	72.551	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	183490	133.845	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	506980	69.455	ng	0.00
79) Terphenyl-d14	20.121	244	833721	65.407	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	38555	38.488	ng	93
3) Pyridine	3.922	79	98355	35.201	ng	89
4) n-Nitrosodimethylamine	3.840	42	44989	37.248	ng	86
6) Aniline	7.460	93	158292	46.437	ng	95
8) 2-Chlorophenol	7.706	128	122345	53.379	ng	96
9) Benzaldehyde	7.271	77	76955	40.926	ng	92
10) Phenol	7.324	94	150889	51.141	ng	96
11) bis(2-Chloroethyl)ether	7.548	93	108087	45.551	ng	95
12) 1,3-Dichlorobenzene	8.029	146	129338	48.763	ng	96
13) 1,4-Dichlorobenzene	8.176	146	130773	48.879	ng	97
14) 1,2-Dichlorobenzene	8.499	146	125437	49.445	ng	97
15) Benzyl Alcohol	8.382	79	100946m	48.704	ng	
16) 2,2'-oxybis(1-Chloropr...	8.664	45	137573	37.052	ng	94
17) 2-Methylphenol	8.588	107	105308	51.841	ng	95
18) Hexachloroethane	9.228	117	44116	45.473	ng	93
19) n-Nitroso-di-n-propyla...	8.946	70	85616	43.396	ng	# 91
20) 3+4-Methylphenols	8.917	107	145362	51.604	ng	97
22) Acetophenone	8.970	105	174063	45.800	ng	# 95
24) Nitrobenzene	9.357	77	124498	42.685	ng	95
25) Isophorone	9.880	82	248911	46.132	ng	97
26) 2-Nitrophenol	10.074	139	68126	52.877	ng	99
27) 2,4-Dimethylphenol	10.127	122	120920	59.236	ng	95
28) bis(2-Chloroethoxy)met...	10.356	93	152044	49.452	ng	98
29) 2,4-Dichlorophenol	10.615	162	124506	53.624	ng	97
30) 1,2,4-Trichlorobenzene	10.826	180	126385	47.632	ng	97
31) Naphthalene	11.020	128	380234	46.652	ng	100
32) Benzoic acid	10.362	122	16148m	17.082	ng	
33) 4-Chloroaniline	11.126	127	136169	40.981	ng	97
34) Hexachlorobutadiene	11.290	225	82639	48.610	ng	99
35) Caprolactam	11.907	113	44130m	53.873	ng	
36) 4-Chloro-3-methylphenol	12.242	107	131022	51.603	ng	100
37) 2-Methylnaphthalene	12.612	142	277662	48.606	ng	100
38) 1-Methylnaphthalene	12.836	142	263091	47.337	ng	99
40) 1,2,4,5-Tetrachloroben...	12.977	216	159000	48.077	ng	98
41) Hexachlorocyclopentadiene	12.947	237	108039	61.599	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	98754	44.988	ng	99

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44) 2,4,5-Trichlorophenol	13.294	196	111838	45.366	ng	97
46) 1,1'-Biphenyl	13.611	154	380244	46.672	ng	98
47) 2-Chloronaphthalene	13.664	162	281745	45.535	ng	99
48) 2-Nitroaniline	13.864	65	82594	42.594	ng	88
49) Acenaphthylene	14.504	152	477374	46.754	ng	99
50) Dimethylphthalate	14.222	163	383696	45.396	ng	99
51) 2,6-Dinitrotoluene	14.351	165	86274	49.904	ng	# 81
52) Acenaphthene	14.845	154	326448m	49.773	ng	
53) 3-Nitroaniline	14.686	138	77393	39.990	ng	89
54) 2,4-Dinitrophenol	14.898	184	76379	78.427	ng	98
55) Dibenzofuran	15.174	168	459437	47.672	ng	98
56) 4-Nitrophenol	15.004	139	128823	86.016	ng	90
57) 2,4-Dinitrotoluene	15.139	165	122477	51.218	ng	# 82
58) Fluorene	15.826	166	389948	48.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	98395	44.277	ng	96
60) Diethylphthalate	15.579	149	381852	45.243	ng	97
61) 4-Chlorophenyl-phenyle...	15.809	204	198746	49.622	ng	96
62) 4-Nitroaniline	15.850	138	92668	46.899	ng	93
63) Azobenzene	16.102	77	325696	40.605	ng	93
65) 4,6-Dinitro-2-methylph...	15.903	198	64656	49.060	ng	94
66) n-Nitrosodiphenylamine	16.026	169	345585	46.286	ng	98
67) 4-Bromophenyl-phenylether	16.702	248	142401	50.096	ng	97
68) Hexachlorobenzene	16.825	284	160807	50.323	ng	96
69) Atrazine	16.966	200	140599	53.378	ng	99
70) Pentachlorophenol	17.178	266	116373	67.026	ng	99
71) Phenanthrene	17.571	178	661304	47.948	ng	99
72) Anthracene	17.659	178	696943	51.975	ng	99
73) Carbazole	17.930	167	591370	47.867	ng	100
74) Di-n-butylphthalate	18.464	149	682720	43.671	ng	99
75) Fluoranthene	19.575	202	903895	53.874	ng	98
77) Benzidine	19.751	184	559085	89.373	ng	99
78) Pyrene	19.939	202	934240	53.049	ng	98
80) Butylbenzylphthalate	20.803	149	305152	41.541	ng	93
81) Benzo(a)anthracene	21.802	228	855369	49.950	ng	99
82) 3,3'-Dichlorobenzidine	21.708	252	211349	35.202	ng	97
83) Chrysene	21.872	228	828085	50.575	ng	99
84) Bis(2-ethylhexyl)phtha...	21.672	149	447875	42.318	ng	97
85) Di-n-octyl phthalate	22.930	149	758625	42.268	ng	# 92
87) Indeno(1,2,3-cd)pyrene	29.105	276	989506	46.904	ng	# 95
88) Benzo(b)fluoranthene	24.122	252	936633	53.730	ng	98
89) Benzo(k)fluoranthene	24.193	252	832059	47.428	ng	98
90) Benzo(a)pyrene	25.039	252	796215	53.461	ng	99
91) Dibenzo(a,h)anthracene	29.158	278	814390	47.384	ng	98
92) Benzo(g,h,i)perylene	30.321	276	849573	48.930	ng	95

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

