

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
 Data File : BG054724.D
 Acq On : 24 Aug 2022 17:42
 Operator : CG/JU
 Sample : N4261-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/25/2022
 Supervised By : Jagrut Upadhyay 08/25/2022

Quant Time: Aug 25 03:09:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	42578	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	185220	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	135648	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	319455	20.000	ng	0.00
76) Chrysene-d12	21.837	240	280266	20.000	ng	0.01
86) Perylene-d12	25.209	264	295413	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	330056	146.076	ng	0.00
7) Phenol-d6	7.307	99	428080	135.212	ng	0.00
23) Nitrobenzene-d5	9.334	82	299289	92.086	ng	0.00
42) 2,4,6-Tribromophenol	16.279	330	240577	221.459	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	713960	77.619	ng	0.00
79) Terphenyl-d14	20.139	244	1256584	89.064	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	44034	37.905	ng	# 25
3) Pyridine	3.958	79	108454	33.345	ng	98
4) n-Nitrosodimethylamine	3.864	42	64066	44.965	ng	# 95
6) Aniline	7.477	93	133768	33.866	ng	99
8) 2-Chlorophenol	7.718	128	138654	57.616	ng	98
9) Benzaldehyde	7.289	77	75596	34.537	ng	100
10) Phenol	7.330	94	159232	48.555	ng	98
11) bis(2-Chloroethyl)ether	7.571	93	131479	46.906	ng	99
12) 1,3-Dichlorobenzene	8.047	146	135669	43.918	ng	98
13) 1,4-Dichlorobenzene	8.194	146	138286	44.421	ng	99
14) 1,2-Dichlorobenzene	8.517	146	136014	46.328	ng	98
15) Benzyl Alcohol	8.394	79	131116m	59.428	ng	
16) 2,2'-oxybis(1-Chloropr...	8.682	45	217715	50.060	ng	98
17) 2-Methylphenol	8.593	107	123489	55.852	ng	99
18) Hexachloroethane	9.252	117	49560	48.205	ng	98
19) n-Nitroso-di-n-propyla...	8.964	70	115911	52.036	ng	98
20) 3+4-Methylphenols	8.922	107	166357	56.362	ng	96
22) Acetophenone	8.987	105	212453	45.544	ng	99
24) Nitrobenzene	9.375	77	159904	47.855	ng	99
25) Isophorone	9.898	82	330353	53.330	ng	100
26) 2-Nitrophenol	10.086	139	75602	64.596	ng	92
27) 2,4-Dimethylphenol	10.139	122	144839m	64.100	ng	
28) bis(2-Chloroethoxy)met...	10.380	93	190603	52.088	ng	100
29) 2,4-Dichlorophenol	10.620	162	144204	59.479	ng	98
30) 1,2,4-Trichlorobenzene	10.844	180	138014	42.719	ng	97
31) Naphthalene	11.038	128	430968	43.234	ng	100
32) Benzoic acid	10.215	122	19287m	21.652	ng	
33) 4-Chloroaniline	11.138	127	39534	10.048	ng	99
34) Hexachlorobutadiene	11.308	225	86532	42.426	ng	97
35) Caprolactam	11.913	113	47246m	62.414	ng	
36) 4-Chloro-3-methylphenol	12.248	107	169100	65.637	ng	98
37) 2-Methylnaphthalene	12.630	142	318254	46.473	ng	99
38) 1-Methylnaphthalene	12.847	142	308944	46.649	ng	99
40) 1,2,4,5-Tetrachloroben...	12.988	216	173669	41.469	ng	99
41) Hexachlorocyclopentadiene	12.965	237	174748	100.387	ng	99
43) 2,4,6-Trichlorophenol	13.229	196	129953	59.064	ng	99

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44) 2,4,5-Trichlorophenol	13.300	196	142171	57.094	ng	100
46) 1,1'-Biphenyl	13.629	154	449236	43.768	ng	99
47) 2-Chloronaphthalene	13.676	162	332826	42.508	ng	100
48) 2-Nitroaniline	13.870	65	118957	60.490	ng	96
49) Acenaphthylene	14.516	152	572105	44.953	ng	100
50) Dimethylphthalate	14.240	163	472110	51.686	ng	99
51) 2,6-Dinitrotoluene	14.363	165	102257	61.553	ng	90
52) Acenaphthene	14.857	154	356396	45.676	ng	99
53) 3-Nitroaniline	14.692	138	71738	37.447	ng	96
54) 2,4-Dinitrophenol	14.892	184	28809	48.622	ng	93
55) Dibenzofuran	15.186	168	543152	45.934	ng	98
56) 4-Nitrophenol	14.986	139	164407	115.460	ng	99
57) 2,4-Dinitrotoluene	15.145	165	146581	58.046	ng	91
58) Fluorene	15.838	166	460655	47.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	130048	62.729	ng	96
60) Diethylphthalate	15.597	149	482429	54.145	ng	98
61) 4-Chlorophenyl-phenyle...	15.820	204	234328	48.408	ng	99
62) 4-Nitroaniline	15.856	138	111606	53.459	ng	98
63) Azobenzene	16.114	77	460688	46.555	ng	99
65) 4,6-Dinitro-2-methylph...	15.903	198	37415	38.342	ng	94
66) n-Nitrosodiphenylamine	16.038	169	418818	46.135	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	162014	52.685	ng	99
68) Hexachlorobenzene	16.837	284	182922	47.144	ng	98
69) Atrazine	16.984	200	160420	59.632	ng	98
70) Pentachlorophenol	17.177	266	141328	66.825	ng	100
71) Phenanthrene	17.577	178	752072	44.167	ng	100
72) Anthracene	17.671	178	764874	46.355	ng	99
73) Carbazole	17.941	167	702384	47.847	ng	100
74) Di-n-butylphthalate	18.482	149	857861	54.777	ng	99
75) Fluoranthene	19.581	202	883800	44.025	ng	99
77) Benzidine	19.757	184	122015	20.051	ng	99
78) Pyrene	19.945	202	897719	45.410	ng	99
80) Butylbenzylphthalate	20.820	149	376931	56.922	ng	98
81) Benzo(a)anthracene	21.813	228	854733	44.904	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	203057	35.303	ng	100
83) Chrysene	21.884	228	805559	44.471	ng	99
84) Bis(2-ethylhexyl)phtha...	21.702	149	549499	54.970	ng	99
85) Di-n-octyl phthalate	22.971	149	914753	62.322	ng	98
87) Indeno(1,2,3-cd)pyrene	29.093	276	1008520	45.750	ng	98
88) Benzo(b)fluoranthene	24.134	252	878138	47.872	ng	99
89) Benzo(k)fluoranthene	24.205	252	879588	46.467	ng	98
90) Benzo(a)pyrene	25.051	252	787182	49.999	ng	99
91) Dibenzo(a,h)anthracene	29.175	278	871115	48.103	ng	100
92) Benzo(g,h,i)perylene	30.321	276	867380	48.993	ng	98

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

