

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082322\
 Data File : BG054703.D
 Acq On : 23 Aug 2022 11:54
 Operator : CG/JU
 Sample : N4146-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-E1(0-4)MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/24/2022
 Supervised By : Jagrut Upadhyay 08/24/2022

Quant Time: Aug 23 14:16:58 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	8.158	152	50621	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	210742	20.000	ng	0.00
39) Acenaphthene-d10	14.791	164	138924	20.000	ng	0.00
64) Phenanthrene-d10	17.535	188	302477	20.000	ng	0.00
76) Chrysene-d12	21.830	240	272449	20.000	ng	0.00
86) Perylene-d12	25.197	264	291334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	359019	133.648	ng	0.00
7) Phenol-d6	7.300	99	474650	126.101	ng	0.00
23) Nitrobenzene-d5	9.333	82	281780	76.199	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	178658	160.583	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	649403	68.935	ng	0.00
79) Terphenyl-d14	20.132	244	1007328	73.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	59641	43.182	ng	98
3) Pyridine	3.951	79	162812	42.104	ng	98
4) n-Nitrosodimethylamine	3.863	42	89794	53.009	ng	94
6) Aniline	7.476	93	239997	51.106	ng	98
8) 2-Chlorophenol	7.717	128	187477	65.526	ng	98
9) Benzaldehyde	7.288	77	126282	48.526	ng	99
10) Phenol	7.330	94	239354	61.390	ng	100
11) bis(2-Chloroethyl)ether	7.570	93	181500	54.463	ng	99
12) 1,3-Dichlorobenzene	8.046	146	196286	53.444	ng	98
13) 1,4-Dichlorobenzene	8.193	146	197084	53.250	ng	100
14) 1,2-Dichlorobenzene	8.516	146	192295	55.092	ng	99
15) Benzyl Alcohol	8.393	79	169617	64.663	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.681	45	288618	55.819	ng	99
17) 2-Methylphenol	8.593	107	164540	62.594	ng	97
18) Hexachloroethane	9.251	117	70806	57.928	ng	97
19) n-Nitroso-di-n-propyla...	8.969	70	146933	55.482	ng	98
20) 3+4-Methylphenols	8.922	107	221546	63.135	ng	97
22) Acetophenone	8.986	105	275819	51.967	ng	99
24) Nitrobenzene	9.374	77	206610	54.344	ng	100
25) Isophorone	9.897	82	408110	57.904	ng	99
26) 2-Nitrophenol	10.085	139	87003	65.057	ng	94
27) 2,4-Dimethylphenol	10.132	122	187265m	72.839	ng	
28) bis(2-Chloroethoxy)met...	10.379	93	246791	59.275	ng	100
29) 2,4-Dichlorophenol	10.620	162	180855	65.563	ng	99
30) 1,2,4-Trichlorobenzene	10.843	180	188618	51.312	ng	99
31) Naphthalene	11.037	128	572072	50.439	ng	99
32) Benzoic acid	10.279	122	123165	72.995	ng	95
33) 4-Chloroaniline	11.137	127	173915	38.849	ng	99
34) Hexachlorobutadiene	11.313	225	120101	51.753	ng	98
35) Caprolactam	11.918	113	61390m	71.277	ng	
36) 4-Chloro-3-methylphenol	12.241	107	197507	67.379	ng	97
37) 2-Methylnaphthalene	12.629	142	410651	52.703	ng	99
38) 1-Methylnaphthalene	12.847	142	392701	52.115	ng	100
40) 1,2,4,5-Tetrachloroben...	12.988	216	218561	50.957	ng	98
41) Hexachlorocyclopentadiene	12.970	237	256090	143.646	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	151762	67.350	ng	98

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44) 2,4,5-Trichlorophenol	13.293	196	163776	64.219	ng	98
46) 1,1'-Biphenyl	13.628	154	547240	52.059	ng	99
47) 2-Chloronaphthalene	13.675	162	405975	50.628	ng	99
48) 2-Nitroaniline	13.869	65	124647	61.806	ng	99
49) Acenaphthylene	14.515	152	665652	51.070	ng	99
50) Dimethylphthalate	14.239	163	522950	55.902	ng	99
51) 2,6-Dinitrotoluene	14.357	165	108055	63.510	ng	97
52) Acenaphthene	14.856	154	464492m	58.125	ng	
53) 3-Nitroaniline	14.692	138	103946	52.979	ng	99
54) 2,4-Dinitrophenol	14.891	184	109326	180.162	ng	93
55) Dibenzofuran	15.185	168	621114	51.288	ng	99
56) 4-Nitrophenol	14.985	139	203814	139.759	ng	98
57) 2,4-Dinitrotoluene	15.144	165	146916	56.898	ng	92
58) Fluorene	15.831	166	517266	51.667	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.402	232	141579	66.681	ng	95
60) Diethylphthalate	15.596	149	528555	57.923	ng	99
61) 4-Chlorophenyl-phenyle...	15.820	204	263606	53.172	ng	98
62) 4-Nitroaniline	15.855	138	122467	57.278	ng	99
63) Azobenzene	16.113	77	519237	51.235	ng	99
65) 4,6-Dinitro-2-methylph...	15.902	198	69755	75.495	ng	96
66) n-Nitrosodiphenylamine	16.037	169	460863	53.617	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	168531	57.880	ng	99
68) Hexachlorobenzene	16.830	284	193889	52.775	ng	98
69) Atrazine	16.977	200	170885	67.088	ng	100
70) Pentachlorophenol	17.177	266	236998	112.858	ng	98
71) Phenanthrene	17.576	178	824989	51.169	ng	98
72) Anthracene	17.670	178	828190	53.010	ng	100
73) Carbazole	17.935	167	757632	54.507	ng	99
74) Di-n-butylphthalate	18.481	149	913446	61.600	ng	99
75) Fluoranthene	19.580	202	999536	52.584	ng	99
77) Benzidine	19.756	184	474622	80.234	ng	99
78) Pyrene	19.944	202	1007746	52.438	ng	98
80) Butylbenzylphthalate	20.820	149	403487	62.160	ng	99
81) Benzo(a)anthracene	21.807	228	975080	52.696	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	284876	50.949	ng	98
83) Chrysene	21.877	228	904622	51.372	ng	99
84) Bis(2-ethylhexyl)phtha...	21.701	149	599710	61.199	ng	100
85) Di-n-octyl phthalate	22.970	149	990025	69.385	ng	98
87) Indeno(1,2,3-cd)pyrene	29.081	276	1140118	52.444	ng	98
88) Benzo(b)fluoranthene	24.128	252	1027146	56.780	ng	99
89) Benzo(k)fluoranthene	24.198	252	956165	51.220	ng	99
90) Benzo(a)pyrene	25.044	252	894308	57.598	ng	99
91) Dibenzo(a,h)anthracene	29.157	278	969613	54.291	ng	100
92) Benzo(g,h,i)perylene	30.309	276	980345	56.149	ng	98

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

