

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056280.D
 Acq On : 13 Jan 2023 16:34
 Operator : CG/JU
 Sample : 01129-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/16/2023
 Supervised By : Jagrut Upadhyay 01/16/2023

Quant Time: Jan 16 00:22:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	37330	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	147605	20.000	ng	0.00
39) Acenaphthene-d10	14.932	164	123032	20.000	ng	0.00
64) Phenanthrene-d10	17.670	188	300349	20.000	ng	0.00
76) Chrysene-d12	21.965	240	304040	20.000	ng	0.00
86) Perylene-d12	25.403	264	348210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.837	112	292869	140.079	ng	0.01
7) Phenol-d6	7.453	99	426699	132.896	ng	0.00
23) Nitrobenzene-d5	9.492	82	223756	77.541	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	190729	122.405	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	736350	82.647	ng	0.00
79) Terphenyl-d14	20.244	244	1417289	83.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.646	88	43076	45.107	ng	91
3) Pyridine	4.063	79	115506	39.712	ng	98
4) n-Nitrosodimethylamine	3.969	42	26831	45.349	ng	89
6) Aniline	7.629	93	117080	27.806	ng	95
8) 2-Chlorophenol	7.876	128	117929	56.683	ng	96
9) Benzaldehyde	7.441	77	59127	30.971	ng	94
10) Phenol	7.482	94	171013	52.520	ng	98
11) bis(2-Chloroethyl)ether	7.717	93	104652	47.426	ng	96
12) 1,3-Dichlorobenzene	8.205	146	132705	52.409	ng	97
13) 1,4-Dichlorobenzene	8.358	146	132794	52.226	ng	97
14) 1,2-Dichlorobenzene	8.681	146	128835	52.512	ng	99
15) Benzyl Alcohol	8.552	79	109857	47.012	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.840	45	22301	57.191	ng	81
17) 2-Methylphenol	8.751	107	117130	49.023	ng	96
18) Hexachloroethane	9.421	117	41558	53.801	ng	93
19) n-Nitroso-di-n-propyla...	9.122	70	82464	42.237	ng	97
20) 3+4-Methylphenols	9.080	107	163544	48.685	ng	94
22) Acetophenone	9.145	105	188546	45.176	ng	# 99
24) Nitrobenzene	9.533	77	129302	45.215	ng	100
25) Isophorone	10.056	82	253655	41.778	ng	96
26) 2-Nitrophenol	10.256	139	72411	49.490	ng	97
27) 2,4-Dimethylphenol	10.297	122	133231	49.924	ng	98
28) bis(2-Chloroethoxy)met...	10.532	93	146273	46.354	ng	99
29) 2,4-Dichlorophenol	10.784	162	153475	52.019	ng	99
30) 1,2,4-Trichlorobenzene	11.008	180	162971	48.676	ng	97
31) Naphthalene	11.202	128	363394	46.779	ng	99
32) Benzoic acid	10.420	122	98598m	49.795	ng	
33) 4-Chloroaniline	11.301	127	67784	18.276	ng	96
34) Hexachlorobutadiene	11.478	225	113638	47.191	ng	97
35) Caprolactam	12.065	113	49210m	49.264	ng	
36) 4-Chloro-3-methylphenol	12.394	107	146964	49.090	ng	96
37) 2-Methylnaphthalene	12.782	142	288936	44.050	ng	97
38) 1-Methylnaphthalene	12.999	142	271589	44.588	ng	96
40) 1,2,4,5-Tetrachloroben...	13.140	216	221514	48.038	ng	99
41) Hexachlorocyclopentadiene	13.117	237	298176	113.420	ng	96
43) 2,4,6-Trichlorophenol	13.370	196	154751	50.752	ng	98

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44) 2,4,5-Trichlorophenol	13.446	196	171305	47.494	ng	97
46) 1,1'-Biphenyl	13.769	154	421847	47.876	ng	99
47) 2-Chloronaphthalene	13.822	162	339442	48.807	ng	97
48) 2-Nitroaniline	14.010	65	72668	49.040	ng	96
49) Acenaphthylene	14.662	152	526305	46.503	ng	98
50) Dimethylphthalate	14.368	163	446100	44.916	ng	99
51) 2,6-Dinitrotoluene	14.492	165	99925	47.217	ng	99
52) Acenaphthene	14.997	154	402319m	54.656	ng	
53) 3-Nitroaniline	14.827	138	50403	25.025	ng	96
54) 2,4-Dinitrophenol	15.032	184	154099	101.926	ng	96
55) Dibenzofuran	15.326	168	563243	46.240	ng	97
56) 4-Nitrophenol	15.120	139	158579	102.373	ng	94
57) 2,4-Dinitrotoluene	15.279	165	142130	48.022	ng	# 92
58) Fluorene	15.972	166	445837	45.506	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.544	232	166400m	49.134	ng	
60) Diethylphthalate	15.720	149	411161	44.144	ng	97
61) 4-Chlorophenyl-phenyle...	15.955	204	279037	45.638	ng	100
62) 4-Nitroaniline	15.984	138	89511	43.386	ng	96
63) Azobenzene	16.249	77	388752	54.086	ng	96
65) 4,6-Dinitro-2-methylph...	16.037	198	103865	51.328	ng	92
66) n-Nitrosodiphenylamine	16.166	169	413493	49.619	ng	98
67) 4-Bromophenyl-phenylether	16.848	248	183553	47.992	ng	97
68) Hexachlorobenzene	16.971	284	183576	51.446	ng	98
69) Atrazine	17.101	200	175034	50.681	ng	97
70) Pentachlorophenol	17.312	266	241991	88.284	ng	98
71) Phenanthrene	17.712	178	741656	47.649	ng	99
72) Anthracene	17.806	178	762651	47.498	ng	99
73) Carbazole	18.064	167	651875	48.300	ng	99
74) Di-n-butylphthalate	18.593	149	646708	48.068	ng	100
75) Fluoranthene	19.697	202	922330	45.428	ng	99
77) Benzidine	19.868	184	321828	30.205	ng	99
78) Pyrene	20.062	202	951833	44.416	ng	99
80) Butylbenzylphthalate	20.920	149	284944	46.347	ng	96
81) Benzo(a)anthracene	21.942	228	998273	46.747	ng	98
82) 3,3'-Dichlorobenzidine	21.842	252	175243	22.796	ng	98
83) Chrysene	22.012	228	934967	46.741	ng	99
84) Bis(2-ethylhexyl)phtha...	21.807	149	423750	47.840	ng	99
85) Di-n-octyl phthalate	23.093	149	725739	48.534	ng	100
87) Indeno(1,2,3-cd)pyrene	29.380	276	1238123	48.891	ng	# 99
88) Benzo(b)fluoranthene	24.310	252	1068109	48.278	ng	99
89) Benzo(k)fluoranthene	24.380	252	1028579	46.688	ng	99
90) Benzo(a)pyrene	25.244	252	957459	44.371	ng	99
91) Dibenzo(a,h)anthracene	29.439	278	1035190	48.757	ng	98
92) Benzo(g,h,i)perylene	30.632	276	997107	48.429	ng	97

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

