

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091922\
 Data File : BG054976.D
 Acq On : 19 Sep 2022 17:01
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG091922

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/20/2022

Quant Time: Sep 20 08:14:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	43110	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	176989	20.000	ng	# 0.00
39) Acenaphthene-d10	14.706	164	130236	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	325084	20.000	ng	0.00
76) Chrysene-d12	21.733	240	314376	20.000	ng	0.00
86) Perylene-d12	25.035	264	343020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	174884	79.377	ng	0.00
7) Phenol-d6	7.226	99	243533	82.466	ng	0.00
23) Nitrobenzene-d5	9.242	82	239821	78.539	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	128637	84.313	ng	0.00
45) 2-Fluorobiphenyl	13.325	172	633341	76.640	ng	0.00
79) Terphenyl-d14	20.053	244	1149670	76.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.407	88	38760	36.212	ng	89
3) Pyridine	3.825	79	113826m	39.135	ng	
4) n-Nitrosodimethylamine	3.742	42	42079	39.651	ng	86
6) Aniline	7.379	93	150102	40.639	ng	95
8) 2-Chlorophenol	7.626	128	104285	40.183	ng	94
9) Benzaldehyde	7.197	77	75282m	40.015	ng	
10) Phenol	7.250	94	132367	41.361	ng	93
11) bis(2-Chloroethyl)ether	7.473	93	100571	39.734	ng	93
12) 1,3-Dichlorobenzene	7.949	146	118636	39.190	ng	97
13) 1,4-Dichlorobenzene	8.096	146	119785	38.827	ng	96
14) 1,2-Dichlorobenzene	8.419	146	114002	39.218	ng	98
15) Benzyl Alcohol	8.302	79	91486	42.358	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.590	45	124140	40.019	ng	95
17) 2-Methylphenol	8.513	107	93710	41.539	ng	96
18) Hexachloroethane	9.148	117	41363	39.008	ng	93
19) n-Nitroso-di-n-propyla...	8.872	70	84773	41.707	ng	# 91
20) 3+4-Methylphenols	8.842	107	133148	42.194	ng	95
22) Acetophenone	8.895	105	163284	39.035	ng	# 94
24) Nitrobenzene	9.283	77	119937	39.203	ng	95
25) Isophorone	9.800	82	233254	40.233	ng	98
26) 2-Nitrophenol	10.000	139	66191	41.091	ng	93
27) 2,4-Dimethylphenol	10.053	122	91723	40.334	ng	95
28) bis(2-Chloroethoxy)met...	10.282	93	129452	39.644	ng	99
29) 2,4-Dichlorophenol	10.540	162	110911	40.857	ng	97
30) 1,2,4-Trichlorobenzene	10.746	180	122794	39.251	ng	98
31) Naphthalene	10.940	128	361340	39.045	ng	99
32) Benzoic acid	10.399	122	12781m	20.639	ng	
33) 4-Chloroaniline	11.051	127	153250	40.637	ng	96
34) Hexachlorobutadiene	11.210	225	79915	38.463	ng	97
35) Caprolactam	11.833	113	41494	41.948	ng	# 80
36) 4-Chloro-3-methylphenol	12.174	107	119210	41.119	ng	99
37) 2-Methylnaphthalene	12.538	142	263466	39.961	ng	98
38) 1-Methylnaphthalene	12.755	142	256616	39.797	ng	99
40) 1,2,4,5-Tetrachloroben...	12.902	216	147748	38.796	ng	# 98
41) Hexachlorocyclopentadiene	12.879	237	16117	43.512	ng	94
43) 2,4,6-Trichlorophenol	13.149	196	90306	41.271	ng	95

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44) 2,4,5-Trichlorophenol	13.225	196	106609	42.433	ng	96
46) 1,1'-Biphenyl	13.543	154	343165	39.053	ng	99
47) 2-Chloronaphthalene	13.590	162	268008	39.015	ng	98
48) 2-Nitroaniline	13.795	65	84614	41.976	ng	89
49) Acenaphthylene	14.430	152	454523	39.154	ng	99
50) Dimethylphthalate	14.154	163	390916	39.639	ng	98
51) 2,6-Dinitrotoluene	14.283	165	85369	40.715	ng	# 82
52) Acenaphthene	14.771	154	286508m	40.057	ng	
53) 3-Nitroaniline	14.618	138	93860	41.262	ng	92
54) 2,4-Dinitrophenol	14.835	184	26266	44.552	ng	96
55) Dibenzofuran	15.105	168	438895	39.061	ng	99
56) 4-Nitrophenol	14.935	139	56694	42.040	ng	88
57) 2,4-Dinitrotoluene	15.076	165	123684	41.470	ng	# 80
58) Fluorene	15.752	166	375503	39.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.335	232	89245	38.699	ng	97
60) Diethylphthalate	15.505	149	390796	39.690	ng	97
61) 4-Chlorophenyl-phenyle...	15.734	204	190749	39.585	ng	98
62) 4-Nitroaniline	15.781	138	99022	41.798	ng	95
63) Azobenzene	16.034	77	325571	40.427	ng	91
65) 4,6-Dinitro-2-methylph...	15.840	198	64443	39.870	ng	93
66) n-Nitrosodiphenylamine	15.952	169	339884	39.105	ng	99
67) 4-Bromophenyl-phenylether	16.633	248	140641	39.228	ng	96
68) Hexachlorobenzene	16.751	284	160998	39.094	ng	96
69) Atrazine	16.897	200	127654	38.695	ng	99
70) Pentachlorophenol	17.109	266	37586	42.968	ng	97
71) Phenanthrene	17.497	178	638120	38.543	ng	99
72) Anthracene	17.585	178	621177	38.462	ng	99
73) Carbazole	17.855	167	576241	38.968	ng	100
74) Di-n-butylphthalate	18.396	149	711405	38.787	ng	99
75) Fluoranthene	19.506	202	802676	38.279	ng	98
77) Benzidine	19.682	184	283787	36.435	ng	99
78) Pyrene	19.865	202	808616	39.127	ng	99
80) Butylbenzylphthalate	20.734	149	321637	40.052	ng	92
81) Benzo(a)anthracene	21.709	228	799815	39.558	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	275325	39.255	ng	98
83) Chrysene	21.780	228	759282	39.230	ng	100
84) Bis(2-ethylhexyl)phtha...	21.586	149	460277	39.960	ng	97
85) Di-n-octyl phthalate	22.814	149	787032	39.519	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.854	276	996317	39.070	ng	# 95
88) Benzo(b)fluoranthene	23.977	252	804043	39.741	ng	98
89) Benzo(k)fluoranthene	24.048	252	804746	39.400	ng	96
90) Benzo(a)pyrene	24.882	252	694149	39.845	ng	99
91) Dibenzo(a,h)anthracene	28.907	278	815240	38.836	ng	97
92) Benzo(g,h,i)perylene	30.053	276	818336	38.668	ng	96

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

