

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
 Data File : BG053895.D
 Acq On : 13 Jun 2022 15:31
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG061322

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 16:54:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	22398	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	85292	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	62984	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	161234	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	184824	20.000	ng	0.00
86) Perylene-d12	24.991	264	195982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	96041	81.981	ng	0.00
7) Phenol-d6	7.236	99	129531	81.506	ng	0.00
23) Nitrobenzene-d5	9.245	82	126068	83.062	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	86125	85.108	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	351004	81.037	ng	0.00
79) Terphenyl-d14	20.062	244	730008	79.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	20688	40.397	ng	98
3) Pyridine	3.945	79	58206	42.592	ng	93
4) n-Nitrosodimethylamine	3.857	42	25481	42.390	ng	# 95
6) Aniline	7.412	93	77161	40.952	ng	97
8) 2-Chlorophenol	7.653	128	51717	41.345	ng	92
9) Benzaldehyde	7.224	77	35207	37.537	ng	80
10) Phenol	7.265	94	66002	40.980	ng	96
11) bis(2-Chloroethyl)ether	7.500	93	50396	40.767	ng	94
12) 1,3-Dichlorobenzene	7.982	146	63146	40.288	ng	91
13) 1,4-Dichlorobenzene	8.123	146	64168	40.756	ng	98
14) 1,2-Dichlorobenzene	8.446	146	59993	39.693	ng	99
15) Benzyl Alcohol	8.317	79	50184	42.250	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.611	45	73460	39.751	ng	99
17) 2-Methylphenol	8.522	107	45178	40.379	ng	# 90
18) Hexachloroethane	9.181	117	21406	40.983	ng	# 80
19) n-Nitroso-di-n-propyla...	8.893	70	43849	41.069	ng	# 95
20) 3+4-Methylphenols	8.846	107	64651	41.204	ng	95
22) Acetophenone	8.904	105	82976	40.023	ng	# 95
24) Nitrobenzene	9.292	77	62000	41.483	ng	# 85
25) Isophorone	9.815	82	115087	40.601	ng	# 94
26) 2-Nitrophenol	10.003	139	29445	44.604	ng	# 80
27) 2,4-Dimethylphenol	10.056	122	43826	41.017	ng	88
28) bis(2-Chloroethoxy)met...	10.291	93	61583	40.328	ng	# 98
29) 2,4-Dichlorophenol	10.538	162	59660	41.645	ng	92
30) 1,2,4-Trichlorobenzene	10.761	180	72681	40.973	ng	97
31) Naphthalene	10.949	128	173569	40.311	ng	99
32) Benzoic acid	10.203	122	16985m	39.194	ng	
33) 4-Chloroaniline	11.043	127	73132	40.941	ng	94
34) Hexachlorobutadiene	11.237	225	55317	40.561	ng	98
35) Caprolactam	11.813	113	16592	42.071	ng	# 90
36) 4-Chloro-3-methylphenol	12.159	107	57139	41.030	ng	88
37) 2-Methylnaphthalene	12.547	142	128293	40.272	ng	97
38) 1-Methylnaphthalene	12.765	142	124738	40.213	ng	99
40) 1,2,4,5-Tetrachloroben...	12.911	216	98693	40.666	ng	# 97
41) Hexachlorocyclopentadiene	12.894	237	48577	42.985	ng	97
43) 2,4,6-Trichlorophenol	13.146	196	57369	42.082	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	63702	41.850	ng	# 93
46) 1,1'-Biphenyl	13.546	154	175615	40.029	ng	96
47) 2-Chloronaphthalene	13.593	162	144514	40.702	ng	97
48) 2-Nitroaniline	13.781	65	41467	43.905	ng	91
49) Acenaphthylene	14.433	152	222682	40.333	ng	99
50) Dimethylphthalate	14.157	163	193962	40.436	ng	98
51) 2,6-Dinitrotoluene	14.275	165	40931	42.234	ng	# 75
52) Acenaphthene	14.774	154	144887	41.170	ng	97
53) 3-Nitroaniline	14.604	138	39296	41.852	ng	89
54) 2,4-Dinitrophenol	14.809	184	20283	41.637	ng	# 73
55) Dibenzofuran	15.109	168	232791	41.055	ng	93
56) 4-Nitrophenol	14.903	139	29340	44.014	ng	85
57) 2,4-Dinitrotoluene	15.062	165	58463	42.714	ng	# 85
58) Fluorene	15.755	166	188772	40.548	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.332	232	62951	42.289	ng	# 90
60) Diethylphthalate	15.520	149	189153	40.719	ng	96
61) 4-Chlorophenyl-phenylether	15.743	204	111381	39.962	ng	# 89
62) 4-Nitroaniline	15.767	138	41378	42.258	ng	# 73
63) Azobenzene	16.037	77	151695	40.569	ng	91
65) 4,6-Dinitro-2-methylph...	15.826	198	35942	44.682	ng	81
66) n-Nitrosodiphenylamine	15.955	169	168825	40.177	ng	98
67) 4-Bromophenyl-phenylether	16.637	248	82184	40.812	ng	95
68) Hexachlorobenzene	16.760	284	91669	39.796	ng	94
69) Atrazine	16.901	200	72674	41.749	ng	95
70) Pentachlorophenol	17.101	266	44593	41.675	ng	97
71) Phenanthrene	17.494	178	332500	40.139	ng	97
72) Anthracene	17.588	178	327151	40.443	ng	99
73) Carbazole	17.847	167	283027	40.762	ng	98
74) Di-n-butylphthalate	18.411	149	332072	41.364	ng	# 97
75) Fluoranthene	19.504	202	438635	40.337	ng	97
77) Benzidine	19.674	184	144586	37.776	ng	99
78) Pyrene	19.862	202	444303	39.802	ng	98
80) Butylbenzylphthalate	20.743	149	149875	41.887	ng	89
81) Benzo(a)anthracene	21.707	228	479073	40.033	ng	98
82) 3,3'-Dichlorobenzidine	21.619	252	145554	40.710	ng	97
83) Chrysene	21.778	228	455733	39.952	ng	98
84) Bis(2-ethylhexyl)phtha...	21.619	149	211524	41.335	ng	# 94
85) Di-n-octyl phthalate	22.847	149	369306	41.988	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.728	276	599524	40.537	ng	# 98
88) Benzo(b)fluoranthene	23.957	252	484751	40.680	ng	99
89) Benzo(k)fluoranthene	24.028	252	470700	39.896	ng	99
90) Benzo(a)pyrene	24.845	252	412883	41.066	ng	99
91) Dibenzo(a,h)anthracene	28.793	278	491620	40.198	ng	97
92) Benzo(g,h,i)perylene	29.892	276	487872	40.423	ng	95

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

