

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021523\
 Data File : BG056636.D
 Acq On : 15 Feb 2023 16:25
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/16/2023
 Supervised By : Jagrut Upadhyay 02/16/2023

Quant Time: Feb 16 01:24:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.440	152	16244	20.000	ng	0.00
21) Naphthalene-d8	11.278	136	65267	20.000	ng	0.00
39) Acenaphthene-d10	15.044	164	48833	20.000	ng	0.00
64) Phenanthrene-d10	17.776	188	125489	20.000	ng	0.00
76) Chrysene-d12	22.095	240	130059	20.000	ng	0.00
86) Perylene-d12	25.644	264	144053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.943	112	43674	43.746	ng	0.00
7) Phenol-d6	7.553	99	61930	41.994	ng	0.00
23) Nitrobenzene-d5	9.615	82	47539	37.294	ng	0.00
42) 2,4,6-Tribromophenol	16.519	330	27728	41.473	ng	0.00
45) 2-Fluorobiphenyl	13.675	172	154954	42.490	ng	0.00
79) Terphenyl-d14	20.344	244	329923	41.504	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.758	88	9705	22.173	ng	97
3) Pyridine	4.181	79	29895	21.593	ng	90
4) n-Nitrosodimethylamine	4.087	42	14500	22.469	ng	86
6) Aniline	7.747	93	44602	21.762	ng	97
8) 2-Chlorophenol	7.994	128	21042	21.302	ng	95
9) Benzaldehyde	7.559	77	16863	21.622	ng	86
10) Phenol	7.582	94	32396	21.475	ng	98
11) bis(2-Chloroethyl)ether	7.835	93	24173	21.357	ng	96
12) 1,3-Dichlorobenzene	8.329	146	24985	21.230	ng	97
13) 1,4-Dichlorobenzene	8.476	146	25702	21.685	ng	95
14) 1,2-Dichlorobenzene	8.799	146	23796	20.887	ng	90
15) Benzyl Alcohol	8.664	79	27982	21.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.957	45	31996m	21.047	ng	
17) 2-Methylphenol	8.857	107	22772	21.481	ng	94
18) Hexachloroethane	9.545	117	7791	20.751	ng	89
19) n-Nitroso-di-n-propyla...	9.239	70	23213	21.026	ng	99
20) 3+4-Methylphenols	9.187	107	30797	21.147	ng	95
22) Acetophenone	9.263	105	42339	21.231	ng	# 99
24) Nitrobenzene	9.657	77	26663	19.640	ng	98
25) Isophorone	10.179	82	64635	20.834	ng	98
26) 2-Nitrophenol	10.373	139	10496	19.997	ng	# 92
27) 2,4-Dimethylphenol	10.409	122	25039	20.876	ng	97
28) bis(2-Chloroethoxy)met...	10.655	93	32450	20.525	ng	99
29) 2,4-Dichlorophenol	10.902	162	24253	20.402	ng	94
30) 1,2,4-Trichlorobenzene	11.131	180	29152	20.587	ng	89
31) Naphthalene	11.331	128	74627	20.631	ng	98
32) Benzoic acid	10.491	122	13764	17.771	ng	92
33) 4-Chloroaniline	11.419	127	35036	21.200	ng	98
34) Hexachlorobutadiene	11.607	225	21043	20.794	ng	98
35) Caprolactam	12.165	113	7700	20.139	ng	# 86
36) 4-Chloro-3-methylphenol	12.494	107	26895	20.516	ng	99
37) 2-Methylnaphthalene	12.900	142	59825	20.947	ng	97
38) 1-Methylnaphthalene	13.117	142	54162	20.323	ng	93
40) 1,2,4,5-Tetrachloroben...	13.252	216	37706	20.771	ng	96
41) Hexachlorocyclopentadiene	13.241	237	19804	20.114	ng	98
43) 2,4,6-Trichlorophenol	13.481	196	22466m	20.397	ng	

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44) 2,4,5-Trichlorophenol	13.552	196	27524	20.851	ng	99
46) 1,1'-Biphenyl	13.881	154	78566	21.239	ng	96
47) 2-Chloronaphthalene	13.934	162	62251	21.266	ng	98
48) 2-Nitroaniline	14.116	65	12995	18.820	ng	# 83
49) Acenaphthylene	14.768	152	101987	21.442	ng	100
50) Dimethylphthalate	14.480	163	83996	20.807	ng	98
51) 2,6-Dinitrotoluene	14.598	165	13920	19.363	ng	97
52) Acenaphthene	15.103	154	61041	20.805	ng	98
53) 3-Nitroaniline	14.927	138	16127	20.581	ng	90
54) 2,4-Dinitrophenol	15.127	184	9695	20.788	ng	95
55) Dibenzofuran	15.438	168	104912	21.166	ng	98
56) 4-Nitrophenol	15.203	139	12810	21.337	ng	85
57) 2,4-Dinitrotoluene	15.373	165	19083	19.383	ng	# 93
58) Fluorene	16.078	166	82483	21.047	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.650	232	23600	20.372	ng	94
60) Diethylphthalate	15.826	149	86958	21.355	ng	98
61) 4-Chlorophenyl-phenyle...	16.067	204	49804	20.802	ng	97
62) 4-Nitroaniline	16.078	138	17142	20.990	ng	87
63) Azobenzene	16.355	77	83580	20.508	ng	98
65) 4,6-Dinitro-2-methylph...	16.137	198	13152	20.295	ng	86
66) n-Nitrosodiphenylamine	16.272	169	75349	20.640	ng	98
67) 4-Bromophenyl-phenylether	16.960	248	34139	21.189	ng	96
68) Hexachlorobenzene	17.077	284	34209	20.840	ng	100
69) Atrazine	17.207	200	31369	22.377	ng	99
70) Pentachlorophenol	17.418	266	22228	20.448	ng	96
71) Phenanthrene	17.823	178	145091	21.252	ng	100
72) Anthracene	17.912	178	149174	21.354	ng	99
73) Carbazole	18.170	167	131785	21.884	ng	97
74) Di-n-butylphthalate	18.705	149	148753	22.073	ng	99
75) Fluoranthene	19.803	202	199121	22.104	ng	99
77) Benzidine	19.962	184	64407	20.705	ng	97
78) Pyrene	20.162	202	201452	20.510	ng	99
80) Butylbenzylphthalate	21.037	149	58412	19.804	ng	92
81) Benzo(a)anthracene	22.071	228	203914	21.083	ng	99
82) 3,3'-Dichlorobenzidine	21.972	252	67028	21.360	ng	97
83) Chrysene	22.148	228	186791	20.658	ng	98
84) Bis(2-ethylhexyl)phtha...	21.954	149	88565	20.038	ng	98
85) Di-n-octyl phthalate	23.282	149	150038	20.424	ng	100
87) Indeno(1,2,3-cd)pyrene	29.733	276	239618	21.239	ng	# 91
88) Benzo(b)fluoranthene	24.510	252	198216	21.062	ng	99
89) Benzo(k)fluoranthene	24.580	252	194888	21.058	ng	99
90) Benzo(a)pyrene	25.473	252	192696	21.301	ng	99
91) Dibenzo(a,h)anthracene	29.815	278	197286	21.114	ng	100
92) Benzo(g,h,i)perylene	31.014	276	195100	21.369	ng	96

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

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