

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056436.D
 Acq On : 26 Jan 2023 10:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/27/2023
 Supervised By : Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 00:55:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.295	152	39541	20.000	ng	0.00
21) Naphthalene-d8	11.127	136	149888	20.000	ng	0.00
39) Acenaphthene-d10	14.911	164	118792	20.000	ng	0.00
64) Phenanthrene-d10	17.649	188	284342	20.000	ng	0.00
76) Chrysene-d12	21.944	240	262486	20.000	ng	# 0.00
86) Perylene-d12	25.375	264	282874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	172350	77.826	ng	0.00
7) Phenol-d6	7.438	99	251348	73.905	ng	0.00
23) Nitrobenzene-d5	9.471	82	209690	71.560	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	120945	80.390	ng	0.00
45) 2-Fluorobiphenyl	13.536	172	703655	81.796	ng	0.00
79) Terphenyl-d14	20.223	244	1189756	81.182	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.619	88	34360	33.969	ng	# 88
3) Pyridine	4.042	79	104940	34.062	ng	# 90
4) n-Nitrosodimethylamine	3.948	42	21639	34.528	ng	93
6) Aniline	7.608	93	161600	36.234	ng	99
8) 2-Chlorophenol	7.855	128	91499	41.520	ng	94
9) Benzaldehyde	7.420	77	78370	38.755	ng	98
10) Phenol	7.467	94	125068	36.262	ng	95
11) bis(2-Chloroethyl)ether	7.696	93	87988	37.645	ng	97
12) 1,3-Dichlorobenzene	8.184	146	109883m	40.970	ng	
13) 1,4-Dichlorobenzene	8.331	146	109038	40.485	ng	98
14) 1,2-Dichlorobenzene	8.654	146	105767	40.699	ng	99
15) Benzyl Alcohol	8.530	79	84252	34.039	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.813	45	20202	48.911	ng	# 75
17) 2-Methylphenol	8.730	107	95272	37.645	ng	95
18) Hexachloroethane	9.394	117	34109	41.688	ng	95
19) n-Nitroso-di-n-propyla...	9.095	70	70230	33.959	ng	98
20) 3+4-Methylphenols	9.059	107	134077	37.682	ng	97
22) Acetophenone	9.118	105	158961	37.508	ng	# 97
24) Nitrobenzene	9.512	77	104482	35.980	ng	96
25) Isophorone	10.035	82	211938	34.376	ng	95
26) 2-Nitrophenol	10.228	139	62634	42.155	ng	98
27) 2,4-Dimethylphenol	10.275	122	105028	38.756	ng	98
28) bis(2-Chloroethoxy)met...	10.505	93	124024	38.704	ng	99
29) 2,4-Dichlorophenol	10.769	162	119360	39.840	ng	97
30) 1,2,4-Trichlorobenzene	10.986	180	133273	39.199	ng	98
31) Naphthalene	11.174	128	324721	41.164	ng	99
32) Benzoic acid	10.416	122	57426	28.560	ng	95
33) 4-Chloroaniline	11.274	127	146483	38.894	ng	97
34) Hexachlorobutadiene	11.451	225	95578	39.087	ng	97
35) Caprolactam	12.056	113	34649	34.159	ng	88
36) 4-Chloro-3-methylphenol	12.379	107	112494	37.003	ng	97
37) 2-Methylnaphthalene	12.761	142	261240	39.221	ng	98
38) 1-Methylnaphthalene	12.978	142	242237	39.164	ng	94
40) 1,2,4,5-Tetrachloroben...	13.125	216	179707	40.363	ng	98
41) Hexachlorocyclopentadiene	13.096	237	106573	41.985	ng	97
43) 2,4,6-Trichlorophenol	13.354	196	115647	39.282	ng	97

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44) 2,4,5-Trichlorophenol	13.431	196	131802	37.846	ng	98
46) 1,1'-Biphenyl	13.748	154	357869	42.065	ng	98
47) 2-Chloronaphthalene	13.801	162	275127	40.971	ng	97
48) 2-Nitroaniline	13.995	65	56209	39.287	ng	91
49) Acenaphthylene	14.635	152	440965	40.353	ng	99
50) Dimethylphthalate	14.347	163	372671	38.862	ng	99
51) 2,6-Dinitrotoluene	14.476	165	82552	40.400	ng	93
52) Acenaphthene	14.976	154	286923m	40.371	ng	
53) 3-Nitroaniline	14.811	138	79535	40.899	ng	92
54) 2,4-Dinitrophenol	15.023	184	50667	34.709	ng	# 94
55) Dibenzofuran	15.305	168	464859	39.525	ng	98
56) 4-Nitrophenol	15.111	139	52079	34.820	ng	85
57) 2,4-Dinitrotoluene	15.264	165	115028	40.252	ng	87
58) Fluorene	15.951	166	367396	38.838	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.528	232	113642m	34.753	ng	
60) Diethylphthalate	15.699	149	346348	38.512	ng	99
61) 4-Chlorophenyl-phenyle...	15.934	204	228158	38.648	ng	98
62) 4-Nitroaniline	15.969	138	80445	40.383	ng	93
63) Azobenzene	16.227	77	250703	36.125	ng	95
65) 4,6-Dinitro-2-methylph...	16.028	198	79419	41.456	ng	94
66) n-Nitrosodiphenylamine	16.145	169	331803	42.058	ng	97
67) 4-Bromophenyl-phenylether	16.827	248	150469	41.557	ng	98
68) Hexachlorobenzene	16.956	284	146608	43.399	ng	99
69) Atrazine	17.079	200	132582	40.550	ng	97
70) Pentachlorophenol	17.303	266	102729	39.588	ng	95
71) Phenanthrene	17.690	178	596019	40.448	ng	98
72) Anthracene	17.784	178	614669	40.437	ng	99
73) Carbazole	18.049	167	521558	40.819	ng	99
74) Di-n-butylphthalate	18.572	149	556073	43.658	ng	99
75) Fluoranthene	19.682	202	745879	38.805	ng	99
77) Benzidine	19.852	184	348367	37.872	ng	99
78) Pyrene	20.046	202	750732	40.578	ng	99
80) Butylbenzylphthalate	20.898	149	233392	43.971	ng	97
81) Benzo(a)anthracene	21.921	228	736868	39.968	ng	99
82) 3,3'-Dichlorobenzidine	21.821	252	266664	40.180	ng	98
83) Chrysene	21.991	228	692464	40.098	ng	100
84) Bis(2-ethylhexyl)phtha...	21.780	149	340485	44.525	ng	100
85) Di-n-octyl phthalate	23.055	149	566470	43.880	ng	100
87) Indeno(1,2,3-cd)pyrene	29.330	276	834844	40.581	ng	# 97
88) Benzo(b)fluoranthene	24.277	252	732390	40.750	ng	# 98
89) Benzo(k)fluoranthene	24.353	252	714096	39.900	ng	99
90) Benzo(a)pyrene	25.211	252	704803	40.206	ng	# 99
91) Dibenzo(a,h)anthracene	29.394	278	697217	40.423	ng	# 98
92) Benzo(g,h,i)perylene	30.581	276	673289	40.254	ng	# 98

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

