

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071822\
 Data File : BG054308.D
 Acq On : 18 Jul 2022 10:29
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/19/2022
 Supervised By : Jagrut Upadhyay 07/19/2022

Quant Time: Jul 18 11:03:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	16606	20.000	ng	# 0.00
21) Naphthalene-d8	10.810	136	57658	20.000	ng	# 0.00
39) Acenaphthene-d10	14.629	164	47212	20.000	ng	0.00
64) Phenanthrene-d10	17.379	188	130381	20.000	ng	# 0.00
76) Chrysene-d12	21.645	240	166221	20.000	ng	# 0.00
86) Perylene-d12	24.841	264	180377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	65690	82.592	ng	0.00
7) Phenol-d6	7.167	99	88319	81.039	ng	0.00
23) Nitrobenzene-d5	9.165	82	89432	84.467	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	85694	86.448	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	273149	81.617	ng	0.00
79) Terphenyl-d14	19.988	244	686547	81.938	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	13111m	41.435	ng	
3) Pyridine	3.830	79	34842	43.407	ng	97
4) n-Nitrosodimethylamine	3.748	42	19929	44.402	ng	# 75
6) Aniline	7.320	93	50465	40.116	ng	99
8) 2-Chlorophenol	7.567	128	36493	39.926	ng	92
9) Benzaldehyde	7.132	77	23561	42.814	ng	# 78
10) Phenol	7.197	94	44103	40.731	ng	93
11) bis(2-Chloroethyl)ether	7.414	93	29955	37.942	ng	92
12) 1,3-Dichlorobenzene	7.890	146	44760	40.192	ng	93
13) 1,4-Dichlorobenzene	8.037	146	47414	41.228	ng	98
14) 1,2-Dichlorobenzene	8.354	146	44174	40.732	ng	98
15) Benzyl Alcohol	8.237	79	34731	38.747	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.525	45	37390	37.604	ng	92
17) 2-Methylphenol	8.448	107	32244	41.315	ng	94
18) Hexachloroethane	9.089	117	15519	40.754	ng	# 59
19) n-Nitroso-di-n-propyla...	8.807	70	27535	37.835	ng	# 92
20) 3+4-Methylphenols	8.777	107	43411	39.477	ng	99
22) Acetophenone	8.818	105	57094	41.171	ng	# 97
24) Nitrobenzene	9.206	77	43699	42.232	ng	# 85
25) Isophorone	9.729	82	75172	40.824	ng	# 92
26) 2-Nitrophenol	9.917	139	21492	41.206	ng	90
27) 2,4-Dimethylphenol	9.982	122	30654	42.545	ng	90
28) bis(2-Chloroethoxy)met...	10.211	93	37606	40.492	ng	96
29) 2,4-Dichlorophenol	10.458	162	45766	42.082	ng	89
30) 1,2,4-Trichlorobenzene	10.669	180	57937	43.015	ng	95
31) Naphthalene	10.857	128	119931	41.437	ng	98
32) Benzoic acid	10.140	122	9662m	36.056	ng	
33) 4-Chloroaniline	10.963	127	50012	42.491	ng	94
34) Hexachlorobutadiene	11.145	225	50241	42.207	ng	97
35) Caprolactam	11.733	113	12133	44.308	ng	# 69
36) 4-Chloro-3-methylphenol	12.091	107	41530	41.975	ng	86
37) 2-Methylnaphthalene	12.461	142	93377	42.012	ng	95
38) 1-Methylnaphthalene	12.684	142	90483	41.779	ng	96
40) 1,2,4,5-Tetrachloroben...	12.831	216	85785	41.474	ng	# 94
41) Hexachlorocyclopentadiene	12.814	237	21471	37.065	ng	98
43) 2,4,6-Trichlorophenol	13.072	196	47198	41.908	ng	95

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44) 2,4,5-Trichlorophenol	13.149	196	54284	42.658	ng	# 92
46) 1,1'-Biphenyl	13.466	154	132984	41.172	ng	96
47) 2-Chloronaphthalene	13.513	162	109914	40.663	ng	92
48) 2-Nitroaniline	13.713	65	30003	42.531	ng	89
49) Acenaphthylene	14.359	152	165829	41.287	ng	99
50) Dimethylphthalate	14.083	163	152871	41.454	ng	100
51) 2,6-Dinitrotoluene	14.206	165	34350	42.467	ng	# 74
52) Acenaphthene	14.700	154	99375	40.859	ng	99
53) 3-Nitroaniline	14.535	138	27982	41.364	ng	89
54) 2,4-Dinitrophenol	14.747	184	15352	36.601	ng	# 78
55) Dibenzofuran	15.029	168	174542	40.333	ng	96
56) 4-Nitrophenol	14.852	139	19310	42.784	ng	95
57) 2,4-Dinitrotoluene	14.999	165	49277	42.496	ng	# 81
58) Fluorene	15.681	166	145486	40.889	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.264	232	52282	42.200	ng	# 84
60) Diethylphthalate	15.446	149	148015	41.839	ng	96
61) 4-Chlorophenyl-phenyle...	15.669	204	98796	42.301	ng	# 87
62) 4-Nitroaniline	15.699	138	31655	44.539	ng	91
63) Azobenzene	15.963	77	104589	40.917	ng	83
65) 4,6-Dinitro-2-methylph...	15.763	198	32831	40.758	ng	78
66) n-Nitrosodiphenylamine	15.887	169	133616	41.047	ng	93
67) 4-Bromophenyl-phenylether	16.562	248	75678	41.329	ng	# 89
68) Hexachlorobenzene	16.691	284	86815	41.458	ng	# 90
69) Atrazine	16.827	200	61477	42.440	ng	94
70) Pentachlorophenol	17.038	266	33158	38.563	ng	94
71) Phenanthrene	17.420	178	269506	41.508	ng	98
72) Anthracene	17.514	178	263265	41.319	ng	98
73) Carbazole	17.778	167	223250	42.559	ng	97
74) Di-n-butylphthalate	18.337	149	259512	41.922	ng	98
75) Fluoranthene	19.429	202	381835	43.141	ng	95
77) Benzidine	19.606	184	136604	45.378	ng	98
78) Pyrene	19.794	202	382436	40.098	ng	98
80) Butylbenzylphthalate	20.669	149	121973	41.038	ng	# 86
81) Benzo(a)anthracene	21.627	228	435415	41.265	ng	99
82) 3,3'-Dichlorobenzidine	21.533	252	137841	42.005	ng	# 97
83) Chrysene	21.692	228	407752	40.903	ng	97
84) Bis(2-ethylhexyl)phtha...	21.527	149	171458	40.768	ng	# 93
85) Di-n-octyl phthalate	22.726	149	294539	41.051	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.513	276	564858	41.164	ng	# 99
88) Benzo(b)fluoranthene	23.830	252	438035	41.063	ng	# 98
89) Benzo(k)fluoranthene	23.895	252	439882	41.435	ng	# 96
90) Benzo(a)pyrene	24.694	252	375148	41.180	ng	# 99
91) Dibenzo(a,h)anthracene	28.566	278	463612	41.088	ng	# 96
92) Benzo(g,h,i)perylene	29.659	276	457557	41.086	ng	# 94

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

