

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062622\
 Data File : BG054072.D
 Acq On : 26 Jun 2022 14:36
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 27 00:28:31 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 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	23762	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	102344	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	80690	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	207545	20.000	ng	0.00
76) Chrysene-d12	21.719	240	215732	20.000	ng	0.00
86) Perylene-d12	24.962	264	223755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	100375	80.763	ng	0.00
7) Phenol-d6	7.230	99	149595	88.728	ng	0.00
23) Nitrobenzene-d5	9.234	82	146067	80.204	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	93482	72.107	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	403870	72.782	ng	0.00
79) Terphenyl-d14	20.045	244	821626	76.707	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	21799	40.123	ng	99
3) Pyridine	3.928	79	62192	42.897	ng	93
4) n-Nitrosodimethylamine	3.840	42	27424	43.003	ng	# 100
6) Aniline	7.389	93	86624	43.335	ng	98
8) 2-Chlorophenol	7.636	128	56770	42.780	ng	95
9) Benzaldehyde	7.207	77	39677	39.874	ng	85
10) Phenol	7.260	94	77595	45.412	ng	93
11) bis(2-Chloroethyl)ether	7.489	93	55868	42.599	ng	95
12) 1,3-Dichlorobenzene	7.965	146	63567	38.228	ng	93
13) 1,4-Dichlorobenzene	8.106	146	65903	39.455	ng	95
14) 1,2-Dichlorobenzene	8.429	146	62377	38.901	ng	98
15) Benzyl Alcohol	8.305	79	56420	44.774	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.593	45	92091	46.972	ng	99
17) 2-Methylphenol	8.511	107	52661	44.366	ng	89
18) Hexachloroethane	9.163	117	22411	40.445	ng	# 83
19) n-Nitroso-di-n-propyla...	8.875	70	49406	43.618	ng	95
20) 3+4-Methylphenols	8.834	107	75967	45.636	ng	93
22) Acetophenone	8.893	105	95610	38.433	ng	# 95
24) Nitrobenzene	9.275	77	72866	40.630	ng	# 87
25) Isophorone	9.798	82	132912	39.077	ng	96
26) 2-Nitrophenol	9.992	139	33547	42.351	ng	# 80
27) 2,4-Dimethylphenol	10.045	122	52073	40.615	ng	90
28) bis(2-Chloroethoxy)met...	10.280	93	72153	39.378	ng	99
29) 2,4-Dichlorophenol	10.526	162	71885	41.818	ng	93
30) 1,2,4-Trichlorobenzene	10.744	180	76541	35.960	ng	96
31) Naphthalene	10.932	128	200802	38.866	ng	99
32) Benzoic acid	10.197	122	22612m	42.250	ng	
33) 4-Chloroaniline	11.032	127	88938	41.494	ng	94
34) Hexachlorobutadiene	11.220	225	53764	32.854	ng	97
35) Caprolactam	11.790	113	22131	46.766	ng	# 90
36) 4-Chloro-3-methylphenol	12.154	107	73494	43.981	ng	86
37) 2-Methylnaphthalene	12.530	142	151619	39.664	ng	95
38) 1-Methylnaphthalene	12.747	142	147461	39.618	ng	100
40) 1,2,4,5-Tetrachloroben...	12.900	216	104263	33.534	ng	97
41) Hexachlorocyclopentadiene	12.882	237	56404	38.959	ng	94
43) 2,4,6-Trichlorophenol	13.135	196	66783	38.238	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.206	196	75507	38.720	ng	# 93
46) 1,1'-Biphenyl	13.535	154	211369	37.607	ng	99
47) 2-Chloronaphthalene	13.576	162	170744	37.537	ng	96
48) 2-Nitroaniline	13.770	65	55590	45.943	ng	92
49) Acenaphthylene	14.422	152	276727	39.124	ng	99
50) Dimethylphthalate	14.146	163	233176	37.944	ng	99
51) 2,6-Dinitrotoluene	14.263	165	51706	41.645	ng	# 77
52) Acenaphthene	14.763	154	179831	39.886	ng	98
53) 3-Nitroaniline	14.592	138	53122	44.163	ng	92
54) 2,4-Dinitrophenol	14.804	184	23471	38.291	ng	# 73
55) Dibenzofuran	15.092	168	280230	38.577	ng	94
56) 4-Nitrophenol	14.898	139	36863	43.165	ng	# 87
57) 2,4-Dinitrotoluene	15.050	165	75164	42.865	ng	90
58) Fluorene	15.744	166	233136	39.089	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.321	232	73161	38.363	ng	# 95
60) Diethylphthalate	15.509	149	236020	39.659	ng	98
61) 4-Chlorophenyl-phenyle...	15.732	204	129725	36.331	ng	92
62) 4-Nitroaniline	15.755	138	53407	42.575	ng	# 72
63) Azobenzene	16.026	77	207598	43.336	ng	92
65) 4,6-Dinitro-2-methylph...	15.814	198	42855	41.388	ng	88
66) n-Nitrosodiphenylamine	15.944	169	209643	38.758	ng	97
67) 4-Bromophenyl-phenylether	16.625	248	92009	35.495	ng	96
68) Hexachlorobenzene	16.754	284	100624	33.936	ng	97
69) Atrazine	16.889	200	86241	38.488	ng	96
70) Pentachlorophenol	17.095	266	49691	36.077	ng	97
71) Phenanthrene	17.483	178	411262	38.569	ng	98
72) Anthracene	17.577	178	403933	38.792	ng	99
73) Carbazole	17.841	167	354907	39.709	ng	99
74) Di-n-butylphthalate	18.399	149	423996	41.030	ng	# 98
75) Fluoranthene	19.492	202	523914	37.428	ng	97
77) Benzidine	19.663	184	148055	33.140	ng	96
78) Pyrene	19.851	202	529120	40.609	ng	98
80) Butylbenzylphthalate	20.732	149	189428	45.357	ng	93
81) Benzo(a)anthracene	21.696	228	550370	39.401	ng	99
82) 3,3'-Dichlorobenzidine	21.607	252	160310	38.413	ng	98
83) Chrysene	21.760	228	516675	38.805	ng	98
84) Bis(2-ethylhexyl)phtha...	21.602	149	267991	44.866	ng	96
85) Di-n-octyl phthalate	22.824	149	461462	44.949	ng	97
87) Indeno(1,2,3-cd)pyrene	28.687	276	647886	38.369	ng	# 99
88) Benzo(b)fluoranthene	23.934	252	531131	39.040	ng	# 99
89) Benzo(k)fluoranthene	24.005	252	521537	38.718	ng	97
90) Benzo(a)pyrene	24.815	252	449466	39.156	ng	# 99
91) Dibenzo(a,h)anthracene	28.746	278	534251	38.262	ng	98
92) Benzo(g,h,i)perylene	29.862	276	517564	37.560	ng	95

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

