

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054185.D
 Acq On : 1 Jul 2022 10:57
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian
Giraldo

Quant Time: Jul 01 23:33:12 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							07/05/2022
1) 1,4-Dichlorobenzene-d4	8.067	152	17055	20.000	ng	0.00	Supervised By :Jagrut Opadhyay
21) Naphthalene-d8	10.876	136	68231	20.000	ng	# 0.00	
39) Acenaphthene-d10	14.695	164	54503	20.000	ng	0.00	
64) Phenanthrene-d10	17.439	188	149037	20.000	ng	# 0.00	
76) Chrysene-d12	21.716	240	155495	20.000	ng	0.00	
86) Perylene-d12	24.971	264	163411	20.000	ng	0.00	07/05/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	66781	74.863	ng	0.00	
7) Phenol-d6	7.227	99	95537	78.949	ng	0.00	
23) Nitrobenzene-d5	9.231	82	97180	80.039	ng	0.00	
42) 2,4,6-Tribromophenol	16.181	330	82315	94.000	ng	0.00	
45) 2-Fluorobiphenyl	13.320	172	283206	75.559	ng	0.00	
79) Terphenyl-d14	20.047	244	614125	79.546	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.514	88	13339	34.207	ng		96
3) Pyridine	3.919	79	37424	35.964	ng		93
4) n-Nitrosodimethylamine	3.825	42	18607	40.652	ng	#	85
6) Aniline	7.386	93	56056	39.071	ng		98
8) 2-Chlorophenol	7.633	128	38638	40.566	ng		91
9) Benzaldehyde	7.198	77	25650	35.915	ng	#	78
10) Phenol	7.257	94	48880	39.857	ng		97
11) bis(2-Chloroethyl)ether	7.480	93	34890	37.065	ng		95
12) 1,3-Dichlorobenzene	7.956	146	44765	37.508	ng		90
13) 1,4-Dichlorobenzene	8.103	146	46118	38.468	ng		97
14) 1,2-Dichlorobenzene	8.426	146	44819	38.943	ng		99
15) Benzyl Alcohol	8.302	79	38015	42.031	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.596	45	52637	37.406	ng		97
17) 2-Methylphenol	8.514	107	34562	40.569	ng	#	93
18) Hexachloroethane	9.154	117	15970	40.155	ng	#	67
19) n-Nitroso-di-n-propyla...	8.866	70	32484	39.956	ng		94
20) 3+4-Methylphenols	8.837	107	48260	40.393	ng		96
22) Acetophenone	8.890	105	62337	37.586	ng	#	99
24) Nitrobenzene	9.272	77	47288	39.551	ng	#	86
25) Isophorone	9.795	82	87596	38.630	ng	#	93
26) 2-Nitrophenol	9.983	139	24366	46.140	ng	#	81
27) 2,4-Dimethylphenol	10.042	122	32989	38.595	ng		90
28) bis(2-Chloroethoxy)met...	10.271	93	45424	37.185	ng		97
29) 2,4-Dichlorophenol	10.523	162	48500	42.320	ng		88
30) 1,2,4-Trichlorobenzene	10.741	180	55505	39.115	ng		92
31) Naphthalene	10.929	128	130972	38.024	ng		99
32) Benzoic acid	10.183	122	19981m	52.327	ng		
33) 4-Chloroaniline	11.029	127	56986	39.879	ng		94
34) Hexachlorobutadiene	11.217	225	44445	40.738	ng		98
35) Caprolactam	11.798	113	15276	48.420	ng	#	89
36) 4-Chloro-3-methylphenol	12.157	107	47723	42.837	ng	#	83
37) 2-Methylnaphthalene	12.527	142	101366	39.776	ng		95
38) 1-Methylnaphthalene	12.744	142	97551	39.313	ng		99
40) 1,2,4,5-Tetrachloroben...	12.897	216	81001	38.569	ng	#	96
41) Hexachlorocyclopentadiene	12.879	237	36305	37.125	ng		94
43) 2,4,6-Trichlorophenol	13.132	196	50664	42.947	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.214	196	58193	44.179	ng	#
46) 1,1'-Biphenyl	13.532	154	142100	37.430	ng	#
47) 2-Chloronaphthalene	13.579	162	117547	38.258	ng	#
48) 2-Nitroaniline	13.773	65	36621	44.807	ng	#
49) Acenaphthylene	14.419	152	184059	38.525	ng	#
50) Dimethylphthalate	14.143	163	168094	40.496	ng	#
51) 2,6-Dinitrotoluene	14.266	165	36846	43.935	ng	#
52) Acenaphthene	14.760	154	120887m	39.695	ng	#
53) 3-Nitroaniline	14.595	138	34740	42.757	ng	#
54) 2,4-Dinitrophenol	14.807	184	19398	45.275	ng	#
55) Dibenzofuran	15.094	168	195340	39.811	ng	#
56) 4-Nitrophenol	14.906	139	24890	43.149	ng	#
57) 2,4-Dinitrotoluene	15.053	165	54593	46.093	ng	#
58) Fluorene	15.741	166	163547	40.596	ng	#
59) 2,3,4,6-Tetrachlorophenol	15.324	232	58292	45.253	ng	#
60) Diethylphthalate	15.500	149	168186	41.839	ng	#
61) 4-Chlorophenyl-phenyle...	15.729	204	100702	41.753	ng	#
62) 4-Nitroaniline	15.758	138	36417	42.979	ng	#
63) Azobenzene	16.023	77	130700	40.393	ng	#
65) 4,6-Dinitro-2-methylph...	15.823	198	35882	48.258	ng	#
66) n-Nitrosodiphenylamine	15.941	169	148459	38.221	ng	#
67) 4-Bromophenyl-phenylether	16.622	248	74994	40.289	ng	#
68) Hexachlorobenzene	16.751	284	84093	39.494	ng	#
69) Atrazine	16.887	200	64733	40.231	ng	#
70) Pentachlorophenol	17.098	266	41863	42.326	ng	#
71) Phenanthrene	17.486	178	294175	38.419	ng	#
72) Anthracene	17.574	178	290577	38.861	ng	#
73) Carbazole	17.838	167	244276	38.060	ng	#
74) Di-n-butylphthalate	18.391	149	294095	39.632	ng	#
75) Fluoranthene	19.489	202	367718	36.583	ng	#
77) Benzidine	19.660	184	132614	41.183	ng	#
78) Pyrene	19.854	202	369845	39.381	ng	#
80) Butylbenzylphthalate	20.729	149	120861	40.150	ng	#
81) Benzo(a)anthracene	21.699	228	387603	38.498	ng	#
82) 3,3'-Dichlorobenzidine	21.605	252	117379	39.022	ng	#
83) Chrysene	21.763	228	363249	37.851	ng	#
84) Bis(2-ethylhexyl)phtha...	21.593	149	166627	38.703	ng	#
85) Di-n-octyl phthalate	22.815	149	288160	38.942	ng	#
87) Indeno(1,2,3-cd)pyrene	28.714	276	472570	38.321	ng	#
88) Benzo(b)fluoranthene	23.943	252	370273m	37.267	ng	#
89) Benzo(k)fluoranthene	24.008	252	380688	38.698	ng	#
90) Benzo(a)pyrene	24.824	252	323314	38.567	ng	#
91) Dibenzo(a,h)anthracene	28.778	278	399654	39.192	ng	#
92) Benzo(g,h,i)perylene	29.877	276	387419	38.498	ng	#

07/05/2022
 Supervised By : Jagrut
 Upadhyay

07/05/2022

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

