

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055268.D
 Acq On : 25 Oct 2022 8:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Oct 25 12:39:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/02/2022 Supervised By :Jagrut Upadhyay
Internal Standards							11/02/2022
1) 1,4-Dichlorobenzene-d4	8.271	152	32214	20.000	ng	0.00	
21) Naphthalene-d8	11.103	136	143536	20.000	ng	0.00	
39) Acenaphthene-d10	14.887	164	98695	20.000	ng	0.00	11/02/2022
64) Phenanthrene-d10	17.619	188	240127	20.000	ng	0.00	
76) Chrysene-d12	21.896	240	227596	20.000	ng	0.00	
86) Perylene-d12	25.286	264	245653	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	159997	86.965	ng	0.00	
7) Phenol-d6	7.413	99	227153	85.222	ng	0.00	
23) Nitrobenzene-d5	9.446	82	233155	82.946	ng	0.00	
42) 2,4,6-Tribromophenol	16.361	330	94350	87.939	ng	0.00	
45) 2-Fluorobiphenyl	13.512	172	486832	80.736	ng	0.00	
79) Terphenyl-d14	20.192	244	901868	82.330	ng	0.00	
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.606	88	38833	43.715	ng	99	
3) Pyridine	4.023	79	119875	44.811	ng	99	
4) n-Nitrosodimethylamine	3.935	42	49987	42.059	ng	96	
6) Aniline	7.583	93	146014	41.846	ng	99	
8) 2-Chlorophenol	7.830	128	90637	42.375	ng	99	
9) Benzaldehyde	7.395	77	68660	37.728	ng	96	
10) Phenol	7.437	94	128078	42.899	ng	99	
11) bis(2-Chloroethyl)ether	7.677	93	92969	41.251	ng	99	
12) 1,3-Dichlorobenzene	8.159	146	98736	42.308	ng	96	
13) 1,4-Dichlorobenzene	8.306	146	99332	41.671	ng	99	
14) 1,2-Dichlorobenzene	8.635	146	96041	41.847	ng	97	
15) Benzyl Alcohol	8.506	79	89915	40.312	ng	98	
16) 2,2'-oxybis(1-Chloropr...	8.794	45	145039	39.325	ng	98	
17) 2-Methylphenol	8.706	107	87510	41.446	ng	98	
18) Hexachloroethane	9.370	117	35558	41.891	ng	100	
19) n-Nitroso-di-n-propyla...	9.076	70	87611	39.582	ng	99	
20) 3+4-Methylphenols	9.035	107	124912	41.305	ng	98	
22) Acetophenone	9.099	105	152531	41.566	ng	# 97	
24) Nitrobenzene	9.487	77	121523	41.520	ng	98	
25) Isophorone	10.010	82	228428	40.233	ng	98	
26) 2-Nitrophenol	10.204	139	53855	42.018	ng	95	
27) 2,4-Dimethylphenol	10.251	122	81657m	40.808	ng		
28) bis(2-Chloroethoxy)met...	10.486	93	118601	41.373	ng	99	
29) 2,4-Dichlorophenol	10.739	162	89860	41.862	ng	98	
30) 1,2,4-Trichlorobenzene	10.962	180	91736	41.873	ng	98	
31) Naphthalene	11.150	128	316103	41.282	ng	100	
32) Benzoic acid	10.380	122	58355	39.414	ng	97	
33) 4-Chloroaniline	11.250	127	134063	40.953	ng	98	
34) Hexachlorobutadiene	11.426	225	51837	41.411	ng	95	
35) Caprolactam	12.019	113	41877	42.034	ng	98	
36) 4-Chloro-3-methylphenol	12.348	107	112648	41.705	ng	99	
37) 2-Methylnaphthalene	12.736	142	222824	40.361	ng	99	
38) 1-Methylnaphthalene	12.954	142	218323	40.085	ng	97	
40) 1,2,4,5-Tetrachloroben...	13.095	216	96502	40.540	ng	100	
41) Hexachlorocyclopentadiene	13.071	237	43791	40.247	ng	99	
43) 2,4,6-Trichlorophenol	13.330	196	73900	42.033	ng	99	

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44) 2,4,5-Trichlorophenol	13.400	196	84727	43.570	ng	99	
46) 1,1'-Biphenyl	13.723	154	279643	41.311	ng	98	
47) 2-Chloronaphthalene	13.770	162	218973	41.022	ng	98	
48) 2-Nitroaniline	13.964	65	88887	42.580	ng	100	11/02/2022
49) Acenaphthylene	14.611	152	384164	41.691	ng	99	
50) Dimethylphthalate	14.329	163	328375	42.376	ng	100	
51) 2,6-Dinitrotoluene	14.452	165	69478	44.062	ng	94	
52) Acenaphthene	14.951	154	247494	42.137	ng	99	
53) 3-Nitroaniline	14.781	138	87365	44.083	ng	95	
54) 2,4-Dinitrophenol	14.987	184	37639	42.764	ng	98	
55) Dibenzofuran	15.280	168	365350	41.461	ng	99	
56) 4-Nitrophenol	15.075	139	66189	46.694	ng	98	
57) 2,4-Dinitrotoluene	15.233	165	103015	45.020	ng	94	
58) Fluorene	15.927	166	307192	41.897	ng	100	
59) 2,3,4,6-Tetrachlorophenol	15.498	232	77565	44.742	ng	98	
60) Diethylphthalate	15.674	149	358036	43.436	ng	99	
61) 4-Chlorophenyl-phenyle...	15.909	204	140950	41.833	ng	99	
62) 4-Nitroaniline	15.938	138	93004	44.657	ng	99	
63) Azobenzene	16.197	77	339669	42.299	ng	99	
65) 4,6-Dinitro-2-methylph...	15.991	198	59769	45.277	ng	98	
66) n-Nitrosodiphenylamine	16.121	169	274893	41.129	ng	99	
67) 4-Bromophenyl-phenylether	16.796	248	94959	40.704	ng	94	
68) Hexachlorobenzene	16.925	284	107834	40.881	ng	97	
69) Atrazine	17.055	200	101701	44.749	ng	98	
70) Pentachlorophenol	17.266	266	60685	41.972	ng	98	
71) Phenanthrene	17.660	178	529498	41.347	ng	99	
72) Anthracene	17.748	178	522273	41.717	ng	100	
73) Carbazole	18.012	167	506624	42.073	ng	100	
74) Di-n-butylphthalate	18.547	149	664602	44.153	ng	100	
75) Fluoranthene	19.646	202	632570	42.391	ng	99	
77) Benzidine	19.816	184	216412	39.271	ng	99	
78) Pyrene	20.010	202	645252	41.362	ng	99	
80) Butylbenzylphthalate	20.868	149	304150	41.258	ng	95	
81) Benzo(a)anthracene	21.873	228	605216	39.599	ng	99	
82) 3,3'-Dichlorobenzidine	21.779	252	204996	41.183	ng	99	
83) Chrysene	21.943	228	575791	39.662	ng	100	
84) Bis(2-ethylhexyl)phtha...	21.743	149	432083	41.030	ng	99	
85) Di-n-octyl phthalate	23.007	149	736312	41.969	ng	99	
87) Indeno(1,2,3-cd)pyrene	29.199	276	738779	40.719	ng	# 91	
88) Benzo(b)fluoranthene	24.205	252	589834	39.917	ng	99	
89) Benzo(k)fluoranthene	24.276	252	617482	41.384	ng	99	
90) Benzo(a)pyrene	25.128	252	517396	40.831	ng	99	
91) Dibenzo(a,h)anthracene	29.264	278	605864	40.691	ng	100	
92) Benzo(g,h,i)perylene	30.427	276	597924	40.487	ng	100	

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

Reviewed By :Christian Giraldo

11/02/2022
Supervised By :Jagrut
Upadhyay

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