

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
 Data File : BG054834.D
 Acq On : 2 Sep 2022 10:40
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 00:23:06 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 25 17:50:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	38752	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	156483	20.000	ng	0.00
39) Acenaphthene-d10	14.784	164	106652	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	246887	20.000	ng	0.00
76) Chrysene-d12	21.828	240	233151	20.000	ng	0.00
86) Perylene-d12	25.201	264	254048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.683	112	176703	79.403	ng	0.00
7) Phenol-d6	7.298	99	247269	81.248	ng	0.00
23) Nitrobenzene-d5	9.325	82	233485	78.329	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	114946	86.251	ng	0.00
45) 2-Fluorobiphenyl	13.409	172	571310	80.513	ng	0.00
79) Terphenyl-d14	20.130	244	934023	79.376	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.526	88	38201	35.949	ng	96
3) Pyridine	3.938	79	111105	37.485	ng	96
4) n-Nitrosodimethylamine	3.849	42	45896	35.821	ng	100
6) Aniline	7.469	93	144337	39.917	ng	96
8) 2-Chlorophenol	7.710	128	98123	40.357	ng	98
9) Benzaldehyde	7.281	77	73451	36.823	ng	97
10) Phenol	7.328	94	126108	40.292	ng	99
11) bis(2-Chloroethyl)ether	7.557	93	96410	38.301	ng	97
12) 1,3-Dichlorobenzene	8.039	146	111987	39.801	ng	97
13) 1,4-Dichlorobenzene	8.185	146	114933	40.497	ng	98
14) 1,2-Dichlorobenzene	8.509	146	108421	40.289	ng	98
15) Benzyl Alcohol	8.385	79	91345	41.546	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.673	45	141877	36.021	ng	99
17) 2-Methylphenol	8.591	107	88780	41.199	ng	98
18) Hexachloroethane	9.237	117	40349	39.206	ng	99
19) n-Nitroso-di-n-propyla...	8.955	70	82443	39.393	ng	# 94
20) 3+4-Methylphenols	8.920	107	125328	41.942	ng	97
22) Acetophenone	8.979	105	155157	39.632	ng	# 97
24) Nitrobenzene	9.366	77	116940	38.922	ng	96
25) Isophorone	9.883	82	218238	39.266	ng	100
26) 2-Nitrophenol	10.083	139	59134	44.557	ng	98
27) 2,4-Dimethylphenol	10.130	122	86125	40.958	ng	95
28) bis(2-Chloroethoxy)met...	10.365	93	121904	38.491	ng	99
29) 2,4-Dichlorophenol	10.618	162	101419	42.404	ng	97
30) 1,2,4-Trichlorobenzene	10.835	180	111180	40.677	ng	98
31) Naphthalene	11.029	128	336332	40.060	ng	99
32) Benzoic acid	10.312	122	17193m	17.394	ng	
33) 4-Chloroaniline	11.135	127	137765	40.250	ng	98
34) Hexachlorobutadiene	11.299	225	75802	43.286	ng	98
35) Caprolactam	11.905	113	34354	40.713	ng	95
36) 4-Chloro-3-methylphenol	12.245	107	108012	41.298	ng	95
37) 2-Methylnaphthalene	12.621	142	239087	40.631	ng	99
38) 1-Methylnaphthalene	12.839	142	233305	40.751	ng	99
40) 1,2,4,5-Tetrachloroben...	12.986	216	132475	41.206	ng	99
41) Hexachlorocyclopentadiene	12.956	237	77662	45.550	ng	100
43) 2,4,6-Trichlorophenol	13.221	196	84506	39.601	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.297	196	94523	39.442	ng	99
46) 1,1'-Biphenyl	13.620	154	314108	39.660	ng	98
47) 2-Chloronaphthalene	13.667	162	234811	39.038	ng	99
48) 2-Nitroaniline	13.867	65	75420	40.010	ng	95
49) Acenaphthylene	14.513	152	392474	39.541	ng	99
50) Dimethylphthalate	14.231	163	325040	39.559	ng	99
51) 2,6-Dinitrotoluene	14.355	165	69168	41.156	ng	88
52) Acenaphthene	14.848	154	252628m	39.623	ng	
53) 3-Nitroaniline	14.690	138	76740	40.790	ng	96
54) 2,4-Dinitrophenol	14.895	184	33052	38.629	ng	93
55) Dibenzofuran	15.183	168	377095	40.250	ng	99
56) 4-Nitrophenol	14.995	139	56805	39.017	ng	95
57) 2,4-Dinitrotoluene	15.142	165	98724	42.469	ng	# 84
58) Fluorene	15.829	166	315894	40.024	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.406	232	81191	37.583	ng	99
60) Diethylphthalate	15.583	149	322181	39.268	ng	98
61) 4-Chlorophenyl-phenyle...	15.818	204	159689	41.014	ng	97
62) 4-Nitroaniline	15.853	138	78975	41.115	ng	99
63) Azobenzene	16.111	77	288572	37.008	ng	95
65) 4,6-Dinitro-2-methylph...	15.906	198	53348	42.450	ng	96
66) n-Nitrosodiphenylamine	16.029	169	278632	39.135	ng	99
67) 4-Bromophenyl-phenylether	16.711	248	113580	41.902	ng	98
68) Hexachlorobenzene	16.828	284	127126	41.719	ng	98
69) Atrazine	16.969	200	100898	40.170	ng	98
70) Pentachlorophenol	17.181	266	64004	38.658	ng	98
71) Phenanthrene	17.574	178	513650	39.055	ng	100
72) Anthracene	17.663	178	505039	39.497	ng	100
73) Carbazole	17.933	167	456106	38.716	ng	100
74) Di-n-butylphthalate	18.473	149	578125	38.781	ng	99
75) Fluoranthene	19.578	202	627782	39.238	ng	98
77) Benzidine	19.754	184	233871	40.498	ng	99
78) Pyrene	19.942	202	637194	39.194	ng	99
80) Butylbenzylphthalate	20.812	149	255270	37.643	ng	94
81) Benzo(a)anthracene	21.811	228	620160	39.230	ng	99
82) 3,3'-Dichlorobenzidine	21.717	252	224605	40.524	ng	98
83) Chrysene	21.875	228	597409	39.524	ng	100
84) Bis(2-ethylhexyl)phtha...	21.687	149	366127	37.474	ng	98
85) Di-n-octyl phthalate	22.945	149	629663	38.003	ng	# 95
87) Indeno(1,2,3-cd)pyrene	29.102	276	764490	39.639	ng	# 94
88) Benzo(b)fluoranthene	24.120	252	631513	39.626	ng	99
89) Benzo(k)fluoranthene	24.196	252	621315	38.738	ng	99
90) Benzo(a)pyrene	25.042	252	537107	39.448	ng	98
91) Dibenzo(a,h)anthracene	29.167	278	633026	40.288	ng	98
92) Benzo(g,h,i)perylene	30.318	276	630452	39.717	ng	95

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

