

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056928.D
 Acq On : 30 Mar 2023 17:27
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG033023

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 03:28:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	19247	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	77505	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	61711	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	150411	20.000	ng	0.00
76) Chrysene-d12	22.095	240	137718	20.000	ng	0.00
86) Perylene-d12	25.637	264	153615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	99591	82.813	ng	0.00
7) Phenol-d6	7.544	99	152651	84.870	ng	0.00
23) Nitrobenzene-d5	9.594	82	153443	81.008	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	79125	80.260	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	363863	79.954	ng	0.00
79) Terphenyl-d14	20.338	244	664389	81.634	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.725	88	21772	41.299	ng	95
3) Pyridine	4.148	79	67353	39.667	ng	100
4) n-Nitrosodimethylamine	4.054	42	31377	40.192	ng	# 94
6) Aniline	7.720	93	94032	40.894	ng	99
8) 2-Chlorophenol	7.972	128	48974	40.885	ng	92
9) Benzaldehyde	7.538	77	47079	41.731	ng	94
10) Phenol	7.567	94	74633	41.876	ng	95
11) bis(2-Chloroethyl)ether	7.814	93	52967	41.722	ng	99
12) 1,3-Dichlorobenzene	8.301	146	53163	40.166	ng	98
13) 1,4-Dichlorobenzene	8.454	146	53748	40.235	ng	95
14) 1,2-Dichlorobenzene	8.777	146	51702	40.061	ng	97
15) Benzyl Alcohol	8.642	79	64462	43.132	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.936	45	62200m	40.654	ng	
17) 2-Methylphenol	8.842	107	54377	42.766	ng	96
18) Hexachloroethane	9.523	117	19390	39.713	ng	97
19) n-Nitroso-di-n-propyla...	9.218	70	52674	40.943	ng	97
20) 3+4-Methylphenols	9.171	107	74804	42.072	ng	98
22) Acetophenone	9.241	105	93200	40.412	ng	# 96
24) Nitrobenzene	9.635	77	79714	41.162	ng	95
25) Isophorone	10.152	82	145197	40.254	ng	99
26) 2-Nitrophenol	10.352	139	31130	41.646	ng	92
27) 2,4-Dimethylphenol	10.393	122	54728	41.467	ng	96
28) bis(2-Chloroethoxy)met...	10.634	93	70545	39.066	ng	96
29) 2,4-Dichlorophenol	10.886	162	56507	39.812	ng	96
30) 1,2,4-Trichlorobenzene	11.115	180	59447	39.418	ng	99
31) Naphthalene	11.309	128	169537	40.131	ng	99
32) Benzoic acid	10.504	122	38226	42.165	ng	88
33) 4-Chloroaniline	11.403	127	75311	39.471	ng	96
34) Hexachlorobutadiene	11.585	225	45022	39.742	ng	93
35) Caprolactam	12.161	113	19633	40.109	ng	86
36) 4-Chloro-3-methylphenol	12.490	107	63920	40.270	ng	95
37) 2-Methylnaphthalene	12.883	142	134971	40.255	ng	100
38) 1-Methylnaphthalene	13.101	142	123581	39.253	ng	100
40) 1,2,4,5-Tetrachloroben...	13.242	216	84121	39.310	ng	100
41) Hexachlorocyclopentadiene	13.218	237	49934	42.351	ng	91
43) 2,4,6-Trichlorophenol	13.471	196	55381	40.555	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	64645	39.960	ng	97
46) 1,1'-Biphenyl	13.864	154	181412	40.158	ng	97
47) 2-Chloronaphthalene	13.917	162	132361	39.616	ng	96
48) 2-Nitroaniline	14.105	65	49248	41.223	ng	90
49) Acenaphthylene	14.757	152	221711	40.389	ng	97
50) Dimethylphthalate	14.464	163	195647	40.237	ng	98
51) 2,6-Dinitrotoluene	14.593	165	42490	40.445	ng	94
52) Acenaphthene	15.098	154	151788	40.093	ng	98
53) 3-Nitroaniline	14.922	138	41207	39.627	ng	89
54) 2,4-Dinitrophenol	15.122	184	25760	43.563	ng	# 83
55) Dibenzofuran	15.421	168	226428	39.848	ng	97
56) 4-Nitrophenol	15.210	139	31849	41.419	ng	91
57) 2,4-Dinitrotoluene	15.374	165	60070	40.541	ng	98
58) Fluorene	16.067	166	187949	39.972	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.644	232	58199	39.511	ng	# 99
60) Diethylphthalate	15.815	149	196232	40.257	ng	96
61) 4-Chlorophenyl-phenyle...	16.050	204	109290	39.588	ng	98
62) 4-Nitroaniline	16.079	138	44201	41.026	ng	98
63) Azobenzene	16.343	77	196376	40.424	ng	99
65) 4,6-Dinitro-2-methylph...	16.132	198	38506	42.270	ng	97
66) n-Nitrosodiphenylamine	16.261	169	163968	40.609	ng	96
67) 4-Bromophenyl-phenylether	16.949	248	73895	39.706	ng	93
68) Hexachlorobenzene	17.072	284	74777	40.641	ng	96
69) Atrazine	17.195	200	68429	40.828	ng	98
70) Pentachlorophenol	17.413	266	52824	40.018	ng	91
71) Phenanthrene	17.812	178	311847	40.665	ng	98
72) Anthracene	17.906	178	317099	40.336	ng	99
73) Carbazole	18.165	167	275476	40.191	ng	99
74) Di-n-butylphthalate	18.687	149	321556	40.514	ng	98
75) Fluoranthene	19.798	202	389353	40.052	ng	99
77) Benzidine	19.962	184	147539	39.194	ng	99
78) Pyrene	20.162	202	391292	41.079	ng	97
80) Butylbenzylphthalate	21.020	149	135628	41.378	ng	96
81) Benzo(a)anthracene	22.071	228	386037	40.507	ng	99
82) 3,3'-Dichlorobenzidine	21.965	252	125981	39.148	ng	99
83) Chrysene	22.147	228	361159	40.474	ng	98
84) Bis(2-ethylhexyl)phtha...	21.930	149	198975	41.921	ng	98
85) Di-n-octyl phthalate	23.252	149	330241	41.288	ng	99
87) Indeno(1,2,3-cd)pyrene	29.743	276	450191	39.654	ng	# 96
88) Benzo(b)fluoranthene	24.503	252	386141	40.198	ng	97
89) Benzo(k)fluoranthene	24.579	252	392706	40.950	ng	98
90) Benzo(a)pyrene	25.472	252	378825	40.132	ng	98
91) Dibenzo(a,h)anthracene	29.808	278	370944	39.750	ng	97
92) Benzo(g,h,i)perylene	31.029	276	361669	39.580	ng	99

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

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