

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056937.D
 Acq On : 31 Mar 2023 8:30
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/03/2023
 Supervised By : Jagrut Upadhyay 04/03/2023

Quant Time: Apr 01 02:31:28 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	18977	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	73362	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	56905	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	140359	20.000	ng	0.00
76) Chrysene-d12	22.095	240	128635	20.000	ng	0.00
86) Perylene-d12	25.643	264	140542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	97417	82.158	ng	0.00
7) Phenol-d6	7.538	99	146000	82.327	ng	0.00
23) Nitrobenzene-d5	9.594	82	145076	80.916	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	72205	79.427	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	330784	78.824	ng	0.00
79) Terphenyl-d14	20.338	244	605819	79.694	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.725	88	22283	42.870	ng	97
3) Pyridine	4.148	79	71494	42.704	ng	97
4) n-Nitrosodimethylamine	4.054	42	32752	42.551	ng	99
6) Aniline	7.726	93	91061	40.166	ng	99
8) 2-Chlorophenol	7.967	128	47266	40.020	ng	96
9) Benzaldehyde	7.538	77	44634	40.127	ng	90
10) Phenol	7.567	94	71715	40.812	ng	98
11) bis(2-Chloroethyl)ether	7.814	93	50479	40.328	ng	97
12) 1,3-Dichlorobenzene	8.301	146	51963	39.818	ng	93
13) 1,4-Dichlorobenzene	8.448	146	51129	38.819	ng	96
14) 1,2-Dichlorobenzene	8.777	146	49626	38.999	ng	97
15) Benzyl Alcohol	8.642	79	58310	39.571	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.936	45	58516m	38.790	ng	
17) 2-Methylphenol	8.842	107	48764	38.897	ng	95
18) Hexachloroethane	9.523	117	18453	38.332	ng	90
19) n-Nitroso-di-n-propyla...	9.218	70	49827	39.281	ng	99
20) 3+4-Methylphenols	9.171	107	69395	39.585	ng	96
22) Acetophenone	9.241	105	87858	40.247	ng	# 97
24) Nitrobenzene	9.635	77	73830	40.277	ng	95
25) Isophorone	10.158	82	134550	39.409	ng	99
26) 2-Nitrophenol	10.352	139	29641	41.893	ng	93
27) 2,4-Dimethylphenol	10.393	122	50002	40.026	ng	98
28) bis(2-Chloroethoxy)met...	10.634	93	66034	38.633	ng	96
29) 2,4-Dichlorophenol	10.886	162	53261	39.644	ng	96
30) 1,2,4-Trichlorobenzene	11.115	180	56517	39.592	ng	95
31) Naphthalene	11.309	128	160452	40.126	ng	99
32) Benzoic acid	10.504	122	36556m	42.600	ng	
33) 4-Chloroaniline	11.409	127	71972	39.852	ng	94
34) Hexachlorobutadiene	11.585	225	39654	36.980	ng	# 85
35) Caprolactam	12.161	113	18019	38.891	ng	92
36) 4-Chloro-3-methylphenol	12.490	107	59014	39.278	ng	97
37) 2-Methylnaphthalene	12.884	142	123267	38.841	ng	98
38) 1-Methylnaphthalene	13.101	142	118365	39.719	ng	99
40) 1,2,4,5-Tetrachloroben...	13.242	216	75553	38.288	ng	98
41) Hexachlorocyclopentadiene	13.218	237	44353	40.794	ng	96
43) 2,4,6-Trichlorophenol	13.471	196	50885	40.409	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	59894	40.150	ng	95
46) 1,1'-Biphenyl	13.870	154	165196	39.657	ng	96
47) 2-Chloronaphthalene	13.917	162	124560	40.430	ng	98
48) 2-Nitroaniline	14.111	65	44013	39.953	ng	95
49) Acenaphthylene	14.757	152	203646	40.231	ng	99
50) Dimethylphthalate	14.464	163	177756	39.645	ng	# 97
51) 2,6-Dinitrotoluene	14.593	165	39361	40.631	ng	93
52) Acenaphthene	15.098	154	137883	39.496	ng	100
53) 3-Nitroaniline	14.922	138	39141	40.819	ng	93
54) 2,4-Dinitrophenol	15.128	184	23757	43.569	ng	91
55) Dibenzofuran	15.427	168	209785	40.037	ng	98
56) 4-Nitrophenol	15.210	139	30389	42.858	ng	86
57) 2,4-Dinitrotoluene	15.374	165	56416	41.291	ng	# 99
58) Fluorene	16.073	166	172315	39.742	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.644	232	52742	38.831	ng	# 99
60) Diethylphthalate	15.815	149	182724	40.651	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	100490	39.475	ng	98
62) 4-Nitroaniline	16.085	138	41515	41.787	ng	91
63) Azobenzene	16.344	77	180823	40.366	ng	97
65) 4,6-Dinitro-2-methylph...	16.138	198	35386	41.627	ng	93
66) n-Nitrosodiphenylamine	16.261	169	147610	39.176	ng	99
67) 4-Bromophenyl-phenylether	16.949	248	65662	37.809	ng	96
68) Hexachlorobenzene	17.072	284	68649	39.982	ng	99
69) Atrazine	17.195	200	62111	39.712	ng	96
70) Pentachlorophenol	17.413	266	48816	39.630	ng	95
71) Phenanthrene	17.812	178	281616	39.353	ng	99
72) Anthracene	17.906	178	289040	39.400	ng	99
73) Carbazole	18.165	167	248470	38.847	ng	96
74) Di-n-butylphthalate	18.693	149	296750	40.066	ng	99
75) Fluoranthene	19.798	202	352979	38.911	ng	98
77) Benzidine	19.962	184	143301	40.757	ng	97
78) Pyrene	20.162	202	353815	39.768	ng	97
80) Butylbenzylphthalate	21.020	149	124804	40.764	ng	99
81) Benzo(a)anthracene	22.071	228	356922	40.097	ng	98
82) 3,3'-Dichlorobenzidine	21.971	252	122983	40.914	ng	100
83) Chrysene	22.147	228	331591	39.785	ng	99
84) Bis(2-ethylhexyl)phtha...	21.930	149	183530	41.398	ng	97
85) Di-n-octyl phthalate	23.252	149	308515	41.295	ng	100
87) Indeno(1,2,3-cd)pyrene	29.731	276	414265	39.884	ng	99
88) Benzo(b)fluoranthene	24.503	252	351100	39.950	ng	99
89) Benzo(k)fluoranthene	24.579	252	362083m	41.269	ng	
90) Benzo(a)pyrene	25.472	252	344243	39.861	ng	99
91) Dibenzo(a,h)anthracene	29.814	278	346851	40.626	ng	# 94
92) Benzo(g,h,i)perylene	31.035	276	335118	40.086	ng	99

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

