

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
 Data File : BG056950.D
 Acq On : 3 Apr 2023 9:43
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/04/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 04 04:52:03 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	8.414	152	18542	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	70660	20.000	ng	0.00
39) Acenaphthene-d10	15.029	164	54831	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	136337	20.000	ng	0.00
76) Chrysene-d12	22.090	240	118221	20.000	ng	0.00
86) Perylene-d12	25.638	264	130780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	91897	79.321	ng	0.00
7) Phenol-d6	7.539	99	136110	78.551	ng	0.00
23) Nitrobenzene-d5	9.595	82	137420	79.577	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	70708	80.722	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	315948	78.136	ng	0.00
79) Terphenyl-d14	20.339	244	571260	81.767	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	21321	41.981	ng	95
3) Pyridine	4.149	79	67989	41.564	ng	95
4) n-Nitrosodimethylamine	4.055	42	29699	39.489	ng	97
6) Aniline	7.721	93	86226	38.925	ng	98
8) 2-Chlorophenol	7.968	128	45159	39.133	ng	90
9) Benzaldehyde	7.533	77	42991	39.557	ng	92
10) Phenol	7.568	94	66452	38.704	ng	97
11) bis(2-Chloroethyl)ether	7.809	93	47178	38.575	ng	98
12) 1,3-Dichlorobenzene	8.302	146	50935	39.946	ng	96
13) 1,4-Dichlorobenzene	8.449	146	49492	38.458	ng	95
14) 1,2-Dichlorobenzene	8.778	146	47521	38.221	ng	93
15) Benzyl Alcohol	8.643	79	56196	39.031	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.937	45	54700m	37.111	ng	
17) 2-Methylphenol	8.843	107	48364	39.483	ng	89
18) Hexachloroethane	9.518	117	17327	36.837	ng	88
19) n-Nitroso-di-n-propyla...	9.219	70	46707	37.686	ng	# 98
20) 3+4-Methylphenols	9.172	107	65938	38.496	ng	98
22) Acetophenone	9.236	105	84324	40.105	ng	95
24) Nitrobenzene	9.636	77	70132	39.723	ng	96
25) Isophorone	10.153	82	127622	38.809	ng	99
26) 2-Nitrophenol	10.352	139	27263	40.006	ng	98
27) 2,4-Dimethylphenol	10.388	122	47124	39.165	ng	93
28) bis(2-Chloroethoxy)met...	10.629	93	63794	38.749	ng	99
29) 2,4-Dichlorophenol	10.887	162	50537	39.055	ng	98
30) 1,2,4-Trichlorobenzene	11.110	180	53941	39.232	ng	98
31) Naphthalene	11.304	128	152329	39.551	ng	97
32) Benzoic acid	10.505	122	33126m	40.079	ng	
33) 4-Chloroaniline	11.404	127	70125	40.314	ng	94
34) Hexachlorobutadiene	11.580	225	39575	38.318	ng	93
35) Caprolactam	12.162	113	17211	38.567	ng	97
36) 4-Chloro-3-methylphenol	12.485	107	55037	38.032	ng	93
37) 2-Methylnaphthalene	12.878	142	119318	39.034	ng	97
38) 1-Methylnaphthalene	13.096	142	111610	38.885	ng	96
40) 1,2,4,5-Tetrachloroben...	13.243	216	74425	39.142	ng	99
41) Hexachlorocyclopentadiene	13.219	237	44496	42.474	ng	97
43) 2,4,6-Trichlorophenol	13.472	196	47667	39.286	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.542	196	56925	39.603	ng	94
46) 1,1'-Biphenyl	13.865	154	159357	39.703	ng	99
47) 2-Chloronaphthalene	13.918	162	121515	40.934	ng	98
48) 2-Nitroaniline	14.106	65	43149	40.650	ng	98
49) Acenaphthylene	14.758	152	196722	40.333	ng	98
50) Dimethylphthalate	14.465	163	170685	39.508	ng	97
51) 2,6-Dinitrotoluene	14.588	165	38195	40.919	ng	99
52) Acenaphthene	15.093	154	132450	39.375	ng	93
53) 3-Nitroaniline	14.923	138	36936	39.977	ng	# 91
54) 2,4-Dinitrophenol	15.123	184	22282	42.410	ng	88
55) Dibenzofuran	15.422	168	203683	40.343	ng	99
56) 4-Nitrophenol	15.205	139	27997	40.978	ng	92
57) 2,4-Dinitrotoluene	15.369	165	52499	39.877	ng	98
58) Fluorene	16.068	166	162859	38.982	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.639	232	51532	39.375	ng	97
60) Diethylphthalate	15.810	149	169445	39.123	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	97887	39.907	ng	97
62) 4-Nitroaniline	16.080	138	39785	41.561	ng	96
63) Azobenzene	16.344	77	166143	38.492	ng	98
65) 4,6-Dinitro-2-methylph...	16.133	198	34979	42.362	ng	94
66) n-Nitrosodiphenylamine	16.262	169	143168	39.118	ng	96
67) 4-Bromophenyl-phenylether	16.944	248	66702	39.541	ng	94
68) Hexachlorobenzene	17.073	284	66773	40.037	ng	96
69) Atrazine	17.190	200	56894	37.449	ng	91
70) Pentachlorophenol	17.408	266	46997	39.279	ng	95
71) Phenanthrene	17.813	178	269696	38.799	ng	98
72) Anthracene	17.901	178	275325	38.638	ng	99
73) Carbazole	18.165	167	235341	37.880	ng	96
74) Di-n-butylphthalate	18.688	149	273608	38.031	ng	99
75) Fluoranthene	19.799	202	327506	37.168	ng	98
77) Benzidine	19.963	184	132113	40.885	ng	97
78) Pyrene	20.157	202	328342	40.156	ng	97
80) Butylbenzylphthalate	21.020	149	121590	43.212	ng	94
81) Benzo(a)anthracene	22.072	228	334903	40.937	ng	98
82) 3,3'-Dichlorobenzidine	21.966	252	115199	41.701	ng	94
83) Chrysene	22.142	228	310215	40.499	ng	99
84) Bis(2-ethylhexyl)phtha...	21.925	149	171876	42.184	ng	99
85) Di-n-octyl phthalate	23.247	149	288557	42.026	ng	99
87) Indeno(1,2,3-cd)pyrene	29.732	276	398836	41.265	ng	# 98
88) Benzo(b)fluoranthene	24.504	252	336222	41.113	ng	98
89) Benzo(k)fluoranthene	24.580	252	334909	41.021	ng	100
90) Benzo(a)pyrene	25.473	252	325640	40.521	ng	98
91) Dibenzo(a,h)anthracene	29.803	278	330679	41.623	ng	98
92) Benzo(g,h,i)perylene	31.019	276	318785	40.978	ng	99

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

