

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
 Data File : BG060756.D
 Acq On : 3 Apr 2024 9:50
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/05/2024

Quant Time: Apr 03 10:24:31 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	56160	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	249317	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	210319	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	517007	20.000	ng	0.00
76) Chrysene-d12	21.604	240	476004	20.000	ng	0.00
86) Perylene-d12	24.748	264	563100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	331109	98.218	ng	0.00
7) Phenol-d6	7.121	99	418092	83.550	ng	0.00
23) Nitrobenzene-d5	9.113	82	404184	92.506	ng	0.00
42) 2,4,6-Tribromophenol	16.076	330	246070	103.068	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	1097728	76.601	ng	0.00
79) Terphenyl-d14	19.965	244	2104217	77.839	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	63654	46.054	ng	97
3) Pyridine	3.855	79	204267	48.995	ng	94
4) n-Nitrosodimethylamine	3.766	42	128529	51.575	ng	95
6) Aniline	7.286	93	257736	40.786	ng	100
8) 2-Chlorophenol	7.527	128	158809	41.552	ng	99
9) Benzaldehyde	7.098	77	106598m	38.631	ng	
10) Phenol	7.145	94	210544	41.227	ng	99
11) bis(2-Chloroethyl)ether	7.386	93	159839	38.765	ng	97
12) 1,3-Dichlorobenzene	7.850	146	157224	39.558	ng	97
13) 1,4-Dichlorobenzene	7.997	146	161898	39.927	ng	98
14) 1,2-Dichlorobenzene	8.314	146	158359	39.852	ng	97
15) Benzyl Alcohol	8.191	79	173574	42.821	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.490	45	366972	39.437	ng	98
17) 2-Methylphenol	8.396	107	159707	41.425	ng	98
18) Hexachloroethane	9.043	117	56133	38.978	ng	97
19) n-Nitroso-di-n-propyla...	8.766	70	158509	41.537	ng	# 95
20) 3+4-Methylphenols	8.725	107	220575	41.780	ng	94
22) Acetophenone	8.778	105	284792	41.427	ng	99
24) Nitrobenzene	9.160	77	199156	41.356	ng	98
25) Isophorone	9.683	82	413483	41.087	ng	100
26) 2-Nitrophenol	9.865	139	83481	48.853	ng	91
27) 2,4-Dimethylphenol	9.930	122	164447	40.679	ng	99
28) bis(2-Chloroethoxy)met...	10.171	93	238662	40.169	ng	99
29) 2,4-Dichlorophenol	10.400	162	164117	44.210	ng	98
30) 1,2,4-Trichlorobenzene	10.623	180	170779	40.628	ng	100
31) Naphthalene	10.811	128	543532	40.302	ng	99
32) Benzoic acid	10.059	122	138360	50.952	ng	96
33) 4-Chloroaniline	10.911	127	260908	41.651	ng	98
34) Hexachlorobutadiene	11.105	225	115783	41.329	ng	94
35) Caprolactam	11.681	113	69068	46.976	ng	96
36) 4-Chloro-3-methylphenol	12.033	107	215375	45.416	ng	98
37) 2-Methylnaphthalene	12.415	142	408111	41.160	ng	97
38) 1-Methylnaphthalene	12.633	142	395890	42.265	ng	99
40) 1,2,4,5-Tetrachloroben...	12.785	216	235092	38.881	ng	99
41) Hexachlorocyclopentadiene	12.768	237	124376	40.454	ng	98
43) 2,4,6-Trichlorophenol	13.020	196	168862	43.372	ng	99

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44) 2,4,5-Trichlorophenol	13.091	196	204536	44.021	ng	99
46) 1,1'-Biphenyl	13.426	154	575591	38.746	ng	99
47) 2-Chloronaphthalene	13.467	162	442095	39.169	ng	98
48) 2-Nitroaniline	13.661	65	174339	47.697	ng	99
49) Acenaphthylene	14.313	152	765103	40.343	ng	100
50) Dimethylphthalate	14.054	163	670121	40.311	ng	99
51) 2,6-Dinitrotoluene	14.160	165	137236	46.246	ng	95
52) Acenaphthene	14.654	154	488825	41.053	ng	99
53) 3-Nitroaniline	14.489	138	154178	47.266	ng	98
54) 2,4-Dinitrophenol	14.689	184	69932	60.437	ng	88
55) Dibenzofuran	14.989	168	758383	40.379	ng	99
56) 4-Nitrophenol	14.789	139	127570	52.493	ng	94
57) 2,4-Dinitrotoluene	14.947	165	190775	49.151	ng	96
58) Fluorene	15.641	166	622256	41.281	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.212	232	188885	46.648	ng	100
60) Diethylphthalate	15.423	149	682637	40.816	ng	98
61) 4-Chlorophenyl-phenyle...	15.635	204	325974	40.876	ng	97
62) 4-Nitroaniline	15.653	138	160661	52.860	ng	97
63) Azobenzene	15.929	77	655563	40.225	ng	99
65) 4,6-Dinitro-2-methylph...	15.711	198	105153	49.096	ng	95
66) n-Nitrosodiphenylamine	15.852	169	588493	39.832	ng	99
67) 4-Bromophenyl-phenylether	16.534	248	225715	43.018	ng	100
68) Hexachlorobenzene	16.645	284	238315	40.235	ng	99
69) Atrazine	16.804	200	216784	41.960	ng	99
70) Pentachlorophenol	16.986	266	183288	47.424	ng	98
71) Phenanthrene	17.380	178	1064656	39.595	ng	99
72) Anthracene	17.474	178	1103301	40.404	ng	99
73) Carbazole	17.738	167	984062	40.873	ng	99
74) Di-n-butylphthalate	18.320	149	1203011	40.079	ng	99
75) Fluoranthene	19.395	202	1301156	39.879	ng	98
77) Benzidine	19.571	184	504665	40.263	ng	99
78) Pyrene	19.754	202	1336903	40.159	ng	100
80) Butylbenzylphthalate	20.658	149	536014	44.138	ng	100
81) Benzo(a)anthracene	21.587	228	1338270	39.885	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	486911	42.978	ng	99
83) Chrysene	21.651	228	1270398	39.282	ng	99
84) Bis(2-ethylhexyl)phtha...	21.528	149	795505	41.099	ng	98
85) Di-n-octyl phthalate	22.732	149	1394803	44.233	ng	99
87) Indeno(1,2,3-cd)pyrene	28.326	276	1587752	40.041	ng	98
88) Benzo(b)fluoranthene	23.755	252	1276142	39.448	ng	100
89) Benzo(k)fluoranthene	23.825	252	1289666	38.949	ng	98
90) Benzo(a)pyrene	24.607	252	1260160	40.084	ng	98
91) Dibenzo(a,h)anthracene	28.396	278	1335719	39.959	ng	97
92) Benzo(g,h,i)perylene	29.430	276	1300424	39.992	ng	100

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

