

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057595.D
 Acq On : 26 May 2023 22:33
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG052723

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023

Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 26 23:47:53 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 26 23:44:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.346	152	16416	20.000	ng	0.00
21) Naphthalene-d8	11.183	136	70573	20.000	ng	0.00
39) Acenaphthene-d10	14.966	164	56758	20.000	ng	0.00
64) Phenanthrene-d10	17.709	188	157443	20.000	ng	0.00
76) Chrysene-d12	22.021	240	142289	20.000	ng	0.00
86) Perylene-d12	25.522	264	155338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.867	112	78945	83.548	ng	0.00
7) Phenol-d6	7.494	99	127851	86.457	ng	0.00
23) Nitrobenzene-d5	9.526	82	125243	82.958	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	74730	82.237	ng	0.00
45) 2-Fluorobiphenyl	13.592	172	317497	80.390	ng	0.00
79) Terphenyl-d14	20.277	244	662427	80.644	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.658	88	15560	39.745	ng	100
3) Pyridine	4.087	79	51401	42.945	ng	97
4) n-Nitrosodimethylamine	3.993	42	20462	42.253	ng	# 85
6) Aniline	7.658	93	76700	42.874	ng	97
8) 2-Chlorophenol	7.911	128	43414	42.796	ng	96
9) Benzaldehyde	7.476	77	41587	42.447	ng	97
10) Phenol	7.523	94	59817	42.738	ng	98
11) bis(2-Chloroethyl)ether	7.747	93	43184	41.321	ng	98
12) 1,3-Dichlorobenzene	8.234	146	45956	42.523	ng	96
13) 1,4-Dichlorobenzene	8.387	146	46978	42.726	ng	99
14) 1,2-Dichlorobenzene	8.710	146	45043	42.000	ng	97
15) Benzyl Alcohol	8.587	79	48904	42.991	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.863	45	53190m	40.988	ng	
17) 2-Methylphenol	8.792	107	44610	43.402	ng	97
18) Hexachloroethane	9.444	117	16152	42.902	ng	98
19) n-Nitroso-di-n-propyla...	9.150	70	44765	43.573	ng	97
20) 3+4-Methylphenols	9.121	107	62633	43.409	ng	96
22) Acetophenone	9.180	105	77753	41.202	ng	95
24) Nitrobenzene	9.573	77	63699	41.566	ng	98
25) Isophorone	10.090	82	123715	41.691	ng	100
26) 2-Nitrophenol	10.290	139	27906	42.470	ng	93
27) 2,4-Dimethylphenol	10.337	122	48720	42.887	ng	98
28) bis(2-Chloroethoxy)met...	10.560	93	63161	41.048	ng	98
29) 2,4-Dichlorophenol	10.836	162	50104	41.993	ng	96
30) 1,2,4-Trichlorobenzene	11.042	180	52659	40.496	ng	99
31) Naphthalene	11.236	128	152381	40.817	ng	98
32) Benzoic acid	10.484	122	25557m	39.889	ng	
33) 4-Chloroaniline	11.342	127	72138	42.019	ng	97
34) Hexachlorobutadiene	11.506	225	36222	40.273	ng	97
35) Caprolactam	12.123	113	20681	41.812	ng	95
36) 4-Chloro-3-methylphenol	12.446	107	59562	42.174	ng	98
37) 2-Methylnaphthalene	12.816	142	121905	41.605	ng	98
38) 1-Methylnaphthalene	13.033	142	114780	41.050	ng	100
40) 1,2,4,5-Tetrachloroben...	13.180	216	76384	41.001	ng	100
41) Hexachlorocyclopentadiene	13.145	237	13093	42.006	ng	93
43) 2,4,6-Trichlorophenol	13.415	196	48659	41.488	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.498	196	57813	41.387	ng	96
46) 1,1'-Biphenyl	13.803	154	164736	40.610	ng	99
47) 2-Chloronaphthalene	13.856	162	125704	41.140	ng	99
48) 2-Nitroaniline	14.056	65	45406	42.424	ng	95
49) Acenaphthylene	14.696	152	212073	40.988	ng	99
50) Dimethylphthalate	14.402	163	189801	40.574	ng	99
51) 2,6-Dinitrotoluene	14.537	165	42347	42.289	ng	97
52) Acenaphthene	15.031	154	128836	40.694	ng	98
53) 3-Nitroaniline	14.872	138	44008	42.135	ng	95
54) 2,4-Dinitrophenol	15.095	184	22067	40.580	ng	96
55) Dibenzofuran	15.360	168	219102	40.501	ng	99
56) 4-Nitrophenol	15.189	139	28991	41.660	ng	96
57) 2,4-Dinitrotoluene	15.330	165	63049	42.052	ng	# 98
58) Fluorene	16.012	166	186622	40.858	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.595	232	54775	41.856	ng	99
60) Diethylphthalate	15.747	149	197473	40.444	ng	100
61) 4-Chlorophenyl-phenyle...	15.982	204	104878	41.200	ng	96
62) 4-Nitroaniline	16.035	138	46951	41.672	ng	97
63) Azobenzene	16.282	77	177797	40.946	ng	98
65) 4,6-Dinitro-2-methylph...	16.094	198	40731	42.488	ng	93
66) n-Nitrosodiphenylamine	16.200	169	166538	40.697	ng	98
67) 4-Bromophenyl-phenylether	16.881	248	71265	40.352	ng	97
68) Hexachlorobenzene	17.016	284	73997	40.647	ng	97
69) Atrazine	17.134	200	69346	39.470	ng	98
70) Pentachlorophenol	17.363	266	38169	41.148	ng	99
71) Phenanthrene	17.751	178	324132	40.230	ng	99
72) Anthracene	17.845	178	331806	40.144	ng	98
73) Carbazole	18.109	167	296442	40.092	ng	99
74) Di-n-butylphthalate	18.626	149	345979	39.416	ng	100
75) Fluoranthene	19.742	202	414765	39.654	ng	99
77) Benzidine	19.907	184	172301	40.017	ng	98
78) Pyrene	20.106	202	415421	41.004	ng	100
80) Butylbenzylphthalate	20.952	149	151221	40.984	ng	99
81) Benzo(a)anthracene	21.998	228	402622	40.786	ng	99
82) 3,3'-Dichlorobenzidine	21.892	252	147132	40.418	ng	99
83) Chrysene	22.068	228	377695	40.488	ng	100
84) Bis(2-ethylhexyl)phtha...	21.839	149	213478	40.560	ng	99
85) Di-n-octyl phthalate	23.132	149	358585	41.103	ng	99
87) Indeno(1,2,3-cd)pyrene	29.576	276	439171	40.550	ng	100
88) Benzo(b)fluoranthene	24.400	252	391606	40.956	ng	98
89) Benzo(k)fluoranthene	24.471	252	384947	39.892	ng	97
90) Benzo(a)pyrene	25.358	252	376046	40.329	ng	99
91) Dibenzo(a,h)anthracene	29.629	278	365839	40.588	ng	99
92) Benzo(g,h,i)perylene	30.851	276	358056	40.732	ng	99

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

