

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056009.D
 Acq On : 19 Dec 2022 10:45
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/20/2022
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 01:05:02 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 20 01:01:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.364	152	7796	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	30537	20.000	ng	# 0.00
39) Acenaphthene-d10	14.980	164	28343	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	81504	20.000	ng	0.00
76) Chrysene-d12	22.030	240	84068	20.000	ng	0.00
86) Perylene-d12	25.526	264	101014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.884	112	26042	78.339	ng	0.00
7) Phenol-d6	7.494	99	35735	83.581	ng	0.00
23) Nitrobenzene-d5	9.545	82	40435	92.533	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	61095	89.394	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	165794	82.039	ng	0.00
79) Terphenyl-d14	20.291	244	410424	86.285	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.711	88	4106	42.443	ng	91
3) Pyridine	4.128	79	13356	41.951	ng	96
4) n-Nitrosodimethylamine	4.034	42	10873	37.991	ng	# 89
6) Aniline	7.676	93	21756	42.501	ng	91
8) 2-Chlorophenol	7.929	128	17316	40.376	ng	95
9) Benzaldehyde	7.494	77	10183	37.924	ng	97
10) Phenol	7.524	94	19730	42.165	ng	97
11) bis(2-Chloroethyl)ether	7.771	93	12177	39.951	ng	89
12) 1,3-Dichlorobenzene	8.258	146	21571	38.882	ng	95
13) 1,4-Dichlorobenzene	8.405	146	22279	39.294	ng	95
14) 1,2-Dichlorobenzene	8.728	146	21314	39.336	ng	99
15) Benzyl Alcohol	8.599	79	17449	39.277	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.887	45	17307	43.628	ng	94
17) 2-Methylphenol	8.793	107	15629	42.451	ng	94
18) Hexachloroethane	9.474	117	7058	41.010	ng	96
19) n-Nitroso-di-n-propyla...	9.175	70	13293	43.376	ng	90
20) 3+4-Methylphenols	9.122	107	21618	41.147	ng	99
22) Acetophenone	9.192	105	29786	39.348	ng	# 97
24) Nitrobenzene	9.586	77	20157	45.828	ng	99
25) Isophorone	10.109	82	36601	39.944	ng	99
26) 2-Nitrophenol	10.303	139	11633	44.677	ng	92
27) 2,4-Dimethylphenol	10.344	122	16761m	38.329	ng	
28) bis(2-Chloroethoxy)met...	10.585	93	17366	42.882	ng	98
29) 2,4-Dichlorophenol	10.837	162	25149	40.519	ng	99
30) 1,2,4-Trichlorobenzene	11.061	180	32045	39.717	ng	98
31) Naphthalene	11.255	128	63035	39.121	ng	98
32) Benzoic acid	10.461	122	15762	42.732	ng	88
33) 4-Chloroaniline	11.349	127	27515	39.834	ng	97
34) Hexachlorobutadiene	11.537	225	28446	37.502	ng	91
35) Caprolactam	12.118	113	7061	40.832	ng	# 84
36) 4-Chloro-3-methylphenol	12.441	107	24163	41.517	ng	93
37) 2-Methylnaphthalene	12.835	142	55803	39.200	ng	98
38) 1-Methylnaphthalene	13.053	142	54305	39.158	ng	100
40) 1,2,4,5-Tetrachloroben...	13.194	216	49392	41.303	ng	99
41) Hexachlorocyclopentadiene	13.170	237	28103	41.425	ng	95
43) 2,4,6-Trichlorophenol	13.417	196	31357	44.297	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.487	196	35343	44.291	ng	95
46) 1,1'-Biphenyl	13.822	154	80519	41.912	ng	99
47) 2-Chloronaphthalene	13.869	162	64273	41.174	ng	95
48) 2-Nitroaniline	14.057	65	15672	50.757	ng	93
49) Acenaphthylene	14.709	152	104171	41.808	ng	99
50) Dimethylphthalate	14.422	163	100643	41.072	ng	98
51) 2,6-Dinitrotoluene	14.539	165	19142	50.480	ng	93
52) Acenaphthene	15.044	154	71496	42.741	ng	99
53) 3-Nitroaniline	14.874	138	17861	46.307	ng	90
54) 2,4-Dinitrophenol	15.068	184	12260	43.490	ng	# 83
55) Dibenzofuran	15.373	168	117485	41.766	ng	98
56) 4-Nitrophenol	15.150	139	14613	47.278	ng	# 87
57) 2,4-Dinitrotoluene	15.320	165	27844	48.645	ng	# 89
58) Fluorene	16.020	166	95971	41.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.591	232	40754	44.705	ng	99
60) Diethylphthalate	15.773	149	96123	40.134	ng	99
61) 4-Chlorophenyl-phenyle...	16.002	204	64494	41.172	ng	98
62) 4-Nitroaniline	16.031	138	19783	47.098	ng	95
63) Azobenzene	16.296	77	60713	41.648	ng	96
65) 4,6-Dinitro-2-methylph...	16.084	198	18040	46.334	ng	93
66) n-Nitrosodiphenylamine	16.214	169	87258	40.854	ng	99
67) 4-Bromophenyl-phenylether	16.895	248	48450	40.568	ng	95
68) Hexachlorobenzene	17.024	284	58206	39.568	ng	99
69) Atrazine	17.148	200	39410	40.751	ng	97
70) Pentachlorophenol	17.359	266	37033	44.035	ng	97
71) Phenanthrene	17.759	178	176012	41.209	ng	100
72) Anthracene	17.853	178	169785	40.180	ng	98
73) Carbazole	18.111	167	136560	39.184	ng	98
74) Di-n-butylphthalate	18.646	149	155139	38.278	ng	99
75) Fluoranthene	19.751	202	228538	38.211	ng	99
77) Benzidine	19.915	184	60652	41.082	ng	99
78) Pyrene	20.109	202	227066	44.636	ng	100
80) Butylbenzylphthalate	20.973	149	64715	44.895	ng	98
81) Benzo(a)anthracene	22.007	228	249518	42.179	ng	99
82) 3,3'-Dichlorobenzidine	21.907	252	90619	42.576	ng	99
83) Chrysene	22.077	228	236095	42.584	ng	99
84) Bis(2-ethylhexyl)phtha...	21.883	149	91406	42.681	ng	97
85) Di-n-octyl phthalate	23.194	149	152927	42.097	ng	99
87) Indeno(1,2,3-cd)pyrene	29.557	276	318811	39.248	ng	# 99
88) Benzo(b)fluoranthene	24.404	252	259224	39.652	ng	98
89) Benzo(k)fluoranthene	24.486	252	259150	39.731	ng	99
90) Benzo(a)pyrene	25.362	252	220071	39.825	ng	100
91) Dibenzo(a,h)anthracene	29.639	278	266336	39.174	ng	96
92) Benzo(g,h,i)perylene	30.832	276	259091	39.415	ng	99

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

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