

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057754.D
 Acq On : 19 Jun 2023 14:08
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Quant Time: Jun 20 03:07:43 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:06:18 2023

Response via : Initial Calibration

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

1) 1,4-Dichlorobenzene-d4	7.928	152	32402	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	150129	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	107949	20.000	ng	0.00
64) Phenanthrene-d10	17.305	188	267840	20.000	ng	0.00
76) Chrysene-d12	21.559	240	235523	20.000	ng	0.00
86) Perylene-d12	24.709	264	279304	20.000	ng	0.00

06/20/2023

Supervised By :mohammad
Ahmed

System Monitoring Compounds

5) 2-Fluorophenol	5.496	112	22207	10.568	ng	0.00
7) Phenol-d6	7.082	99	32504	10.137	ng	0.00
23) Nitrobenzene-d5	9.086	82	26225	8.965	ng	0.00
42) 2,4,6-Tribromophenol	16.042	330	13882	9.232	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	76530	10.753	ng	0.00
79) Terphenyl-d14	19.920	244	139292	11.028	ng	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.410	88	5277	5.517	ng	92
3) Pyridine	3.804	79	14455	4.960	ng	92
4) n-Nitrosodimethylamine	3.716	42	7306	5.488	ng	# 90
6) Aniline	7.247	93	20874	5.084	ng	98
8) 2-Chlorophenol	7.488	128	11607	5.369	ng	97
9) Benzaldehyde	7.065	77	11606	5.756	ng	95
10) Phenol	7.106	94	16180	5.125	ng	91
11) bis(2-Chloroethyl)ether	7.347	93	13121	5.406	ng	98
12) 1,3-Dichlorobenzene	7.817	146	11581	5.264	ng	96
13) 1,4-Dichlorobenzene	7.963	146	12108	5.431	ng	93
14) 1,2-Dichlorobenzene	8.281	146	11434	5.301	ng	97
15) Benzyl Alcohol	8.163	79	12289	5.012	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.451	45	24758	5.306	ng	99
17) 2-Methylphenol	8.363	107	11680	5.030	ng	97
18) Hexachloroethane	9.015	117	4018	5.112	ng	90
19) n-Nitroso-di-n-propyla...	8.727	70	11553	5.168	ng	# 90
20) 3+4-Methylphenols	8.686	107	15424	4.809	ng	98
22) Acetophenone	8.751	105	21467	5.099	ng	# 98
24) Nitrobenzene	9.127	77	14185	4.659	ng	# 94
25) Isophorone	9.650	82	32989	4.936	ng	98
26) 2-Nitrophenol	9.838	139	3984	4.113	ng	# 92
27) 2,4-Dimethylphenol	9.897	122	12169	5.075	ng	93
28) bis(2-Chloroethoxy)met...	10.137	93	17982	4.996	ng	96
29) 2,4-Dichlorophenol	10.372	162	10457	4.592	ng	95
30) 1,2,4-Trichlorobenzene	10.596	180	12633	4.977	ng	93
31) Naphthalene	10.784	128	41452	5.188	ng	# 94
33) 4-Chloroaniline	10.884	127	17782	4.803	ng	# 97
34) Hexachlorobutadiene	11.066	225	7982	5.154	ng	97
35) Caprolactam	11.630	113	4263	4.613	ng	# 84
36) 4-Chloro-3-methylphenol	12.006	107	13474	4.531	ng	# 94
37) 2-Methylnaphthalene	12.394	142	29568	5.077	ng	97
38) 1-Methylnaphthalene	12.611	142	27356	4.976	ng	93
40) 1,2,4,5-Tetrachloroben...	12.752	216	14405	4.813	ng	97
41) Hexachlorocyclopentadiene	12.740	237	6950	4.374	ng	96
43) 2,4,6-Trichlorophenol	12.993	196	9654	4.505	ng	99
44) 2,4,5-Trichlorophenol	13.063	196	10700	4.284	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 1,1'-Biphenyl	13.398	154	38587	5.206	ng	96	06/20/2023
47) 2-Chloronaphthalene	13.439	162	29035	5.099	ng	98	Supervised By :mohammad
48) 2-Nitroaniline	13.633	65	7741	3.825	ng	# 82	ahmed
49) Acenaphthylene	14.286	152	49456	5.060	ng	98	
50) Dimethylphthalate	14.015	163	42635	5.142	ng	99	
51) 2,6-Dinitrotoluene	14.133	165	5675	3.717	ng	99	
52) Acenaphthene	14.626	154	30259	5.001	ng	91	06/20/2023
53) 3-Nitroaniline	14.456	138	6961	4.046	ng	# 88	
55) Dibenzofuran	14.961	168	50097	5.149	ng	98	
56) 4-Nitrophenol	14.756	139	5324	3.894	ng	95	
57) 2,4-Dinitrotoluene	14.914	165	7668	3.704	ng	# 85	
58) Fluorene	15.608	166	41686	5.413	ng	95	
59) 2,3,4,6-Tetrachlorophenol	15.184	232	9852	4.628	ng	# 98	
60) Diethylphthalate	15.378	149	44029	5.176	ng	99	
61) 4-Chlorophenyl-phenyle...	15.602	204	21472	5.243	ng	97	
62) 4-Nitroaniline	15.619	138	7258	4.138	ng	97	
63) Azobenzene	15.895	77	46426	5.336	ng	98	
66) n-Nitrosodiphenylamine	15.813	169	35128	4.969	ng	97	
67) 4-Bromophenyl-phenylether	16.495	248	13779	4.851	ng	86	
68) Hexachlorobenzene	16.606	284	14243	4.919	ng	99	
69) Atrazine	16.759	200	12306	5.071	ng	96	
70) Pentachlorophenol	16.953	266	8876	4.149	ng	93	
71) Phenanthrene	17.347	178	69414	5.353	ng	97	
72) Anthracene	17.441	178	69838	5.274	ng	98	
73) Carbazole	17.705	167	64709	5.300	ng	97	
74) Di-n-butylphthalate	18.269	149	72281	5.000	ng	97	
75) Fluoranthene	19.356	202	83370	5.396	ng	97	
77) Benzidine	19.538	184	31948	5.787	ng	97	
78) Pyrene	19.720	202	87205	5.190	ng	99	
80) Butylbenzylphthalate	20.613	149	28487	4.457	ng	90	
81) Benzo(a)anthracene	21.536	228	82353	5.096	ng	98	
82) 3,3'-Dichlorobenzidine	21.454	252	26653	4.850	ng	# 98	
83) Chrysene	21.600	228	81582	5.261	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.459	149	44167	4.760	ng	99	
85) Di-n-octyl phthalate	22.652	149	72421	4.450	ng	# 92	
87) Indeno(1,2,3-cd)pyrene	28.281	276	88465	4.844	ng	# 95	
88) Benzo(b)fluoranthene	23.710	252	76662	5.009	ng	99	
89) Benzo(k)fluoranthene	23.774	252	79925m	5.127	ng		
90) Benzo(a)pyrene	24.556	252	73124	4.865	ng	# 97	
91) Dibenzo(a,h)anthracene	28.357	278	75536	4.985	ng	99	
92) Benzo(g,h,i)perylene	29.409	276	74423	4.906	ng	97	

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

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