

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122121\
 Data File : BM033549.D
 Acq On : 21 Dec 2021 11:11
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 21 14:02:06 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122121.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 21 14:01:11 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	22924	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	93245	20.000	ng	# 0.00
39) Acenaphthene-d10	14.554	164	67809	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	150485	20.000	ng	# 0.00
76) Chrysene-d12	21.483	240	145247	20.000	ng	0.00
86) Perylene-d12	23.877	264	135755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.472	112	15156	11.408	ng	0.00
7) Phenol-d6	7.078	99	20112	11.281	ng	0.00
23) Nitrobenzene-d5	9.084	82	24142	11.117	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	8842	11.592	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	55295	11.280	ng	0.00
79) Terphenyl-d14	19.924	244	93804	10.167	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	3286	5.678	ng	# 87
3) Pyridine	3.784	79	7351	5.194	ng	# 87
4) n-Nitrosodimethylamine	3.690	42	6148m	6.107	ng	
6) Aniline	7.237	93	11472	5.634	ng	97
8) 2-Chlorophenol	7.472	128	8122	5.640	ng	94
9) Benzaldehyde	7.054	77	7430	5.771	ng	85
10) Phenol	7.107	94	9570	5.313	ng	82
11) bis(2-Chloroethyl)ether	7.337	93	7642	5.385	ng	95
12) 1,3-Dichlorobenzene	7.795	146	10335	5.907	ng	# 90
13) 1,4-Dichlorobenzene	7.948	146	9855	5.488	ng	98
14) 1,2-Dichlorobenzene	8.260	146	9764	5.543	ng	91
15) Benzyl Alcohol	8.166	79	8854	5.510	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.437	45	13865	5.494	ng	94
17) 2-Methylphenol	8.360	107	6919	5.405	ng	88
18) Hexachloroethane	8.989	117	3834	5.125	ng	91
19) n-Nitroso-di-n-propyla...	8.719	70	7409	5.271	ng	# 87
20) 3+4-Methylphenols	8.695	107	9258	5.422	ng	89
22) Acetophenone	8.748	105	13171	5.217	ng	# 96
24) Nitrobenzene	9.125	77	12007	5.629	ng	95
25) Isophorone	9.648	82	19480	5.540	ng	97
26) 2-Nitrophenol	9.842	139	4047	5.432	ng	95
27) 2,4-Dimethylphenol	9.901	122	7021	5.734	ng	85
28) bis(2-Chloroethoxy)met...	10.136	93	10647	5.513	ng	96
29) 2,4-Dichlorophenol	10.389	162	7196	5.153	ng	95
30) 1,2,4-Trichlorobenzene	10.583	180	9832	5.552	ng	95
31) Naphthalene	10.772	128	28272	5.597	ng	97
32) Benzoic acid	9.989	122	4881	6.376	ng	# 85
33) 4-Chloroaniline	10.907	127	9182	5.619	ng	90
34) Hexachlorobutadiene	11.048	225	6935	5.617	ng	90
35) Caprolactam	11.695	113	1316	4.770	ng	91
36) 4-Chloro-3-methylphenol	12.019	107	9592	5.351	ng	90
37) 2-Methylnaphthalene	12.377	142	19696	5.637	ng	93
38) 1-Methylnaphthalene	12.601	142	20197	5.795	ng	100
40) 1,2,4,5-Tetrachloroben...	12.748	216	11148	5.707	ng	97
41) Hexachlorocyclopentadiene	12.719	237	5128	6.071	ng	97
43) 2,4,6-Trichlorophenol	12.995	196	7314	5.600	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.077	196	7516	5.392	ng	# 86
46) 1,1'-Biphenyl	13.389	154	27937	5.564	ng	99
47) 2-Chloronaphthalene	13.436	162	21686	5.587	ng	98
48) 2-Nitroaniline	13.654	65	6569	4.968	ng	93
49) Acenaphthylene	14.277	152	34039	5.535	ng	98
50) Dimethylphthalate	14.019	163	28938	5.634	ng	# 98
51) 2,6-Dinitrotoluene	14.142	165	5502	5.668	ng	# 69
52) Acenaphthene	14.618	154	20626	5.523	ng	99
53) 3-Nitroaniline	14.483	138	4512	4.956	ng	# 91
54) 2,4-Dinitrophenol	14.695	184	2348	5.548	ng	# 91
55) Dibenzofuran	14.954	168	35280	5.574	ng	# 89
57) 2,4-Dinitrotoluene	14.930	165	7197	5.421	ng	# 82
58) Fluorene	15.607	166	28451	5.601	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.183	232	7018	5.534	ng	# 93
60) Diethylphthalate	15.377	149	31677	5.735	ng	97
61) 4-Chlorophenyl-phenyle...	15.601	204	15027	5.699	ng	# 86
62) 4-Nitroaniline	15.648	138	4182m	5.061	ng	
63) Azobenzene	15.895	77	32793	5.292	ng	89
65) 4,6-Dinitro-2-methylph...	15.689	198	4794	6.264	ng	92
66) n-Nitrosodiphenylamine	15.818	169	24641	5.516	ng	98
67) 4-Bromophenyl-phenylether	16.495	248	9092	5.537	ng	# 90
68) Hexachlorobenzene	16.601	284	9891	5.610	ng	94
69) Atrazine	16.771	200	5501	5.808	ng	85
70) Pentachlorophenol	16.954	266	5345	5.401	ng	93
71) Phenanthrene	17.348	178	46779	5.585	ng	97
72) Anthracene	17.436	178	45384	5.543	ng	98
73) Carbazole	17.718	167	43241	5.981	ng	98
74) Di-n-butylphthalate	18.271	149	54711	5.444	ng	96
75) Fluoranthene	19.359	202	55250	5.735	ng	97
77) Benzidine	19.559	184	8932	13.152	ng	98
78) Pyrene	19.724	202	57185	4.990	ng	97
80) Butylbenzylphthalate	20.618	149	24051	4.689	ng	93
81) Benzo(a)anthracene	21.465	228	55444	5.695	ng	99
82) 3,3'-Dichlorobenzidine	21.406	252	24424	6.399	ng	99
83) Chrysene	21.518	228	52967	5.651	ng	98
84) Bis(2-ethylhexyl)phtha...	21.389	149	33966	4.518	ng	99
85) Di-n-octyl phthalate	22.312	149	56622	4.633	ng	98
87) Indeno(1,2,3-cd)pyrene	26.359	276	53717	8.582	ng	# 94
88) Benzo(b)fluoranthene	23.147	252	49591	5.697	ng	96
89) Benzo(k)fluoranthene	23.194	252	49046	5.570	ng	# 97
90) Benzo(a)pyrene	23.771	252	41497	6.370	ng	98
91) Dibenzo(a,h)anthracene	26.377	278	45711	9.737	ng	# 95
92) Benzo(g,h,i)perylene	27.129	276	43658	7.232	ng	# 94

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

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