

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
 Data File : BM045732.D
 Acq On : 14 May 2024 15:27
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 01:35:56 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 15 01:27:35 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	85765	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	392694	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	301126	20.000	ng	0.00
64) Phenanthrene-d10	16.957	188	736809	20.000	ng	0.00
76) Chrysene-d12	21.174	240	499219	20.000	ng	0.00
86) Perylene-d12	23.974	264	452179	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	511488	96.009	ng	0.00
7) Phenol-d6	6.851	99	635499	99.508	ng	0.00
23) Nitrobenzene-d5	8.745	82	890456	96.214	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	446531	101.183	ng	0.00
45) 2-Fluorobiphenyl	12.833	172	2183524	98.401	ng	0.00
79) Terphenyl-d14	19.598	244	4943204	98.977	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	80575	49.075	ng	96
3) Pyridine	3.622	79	298944m	51.209	ng	
4) n-Nitrosodimethylamine	3.516	42	177454	50.230	ng	96
6) Aniline	6.951	93	253060	46.828	ng	100
8) 2-Chlorophenol	7.181	128	237198	48.394	ng	99
9) Benzaldehyde	6.751	77	202551	43.554	ng	99
10) Phenol	6.875	94	292402	48.609	ng	99
11) bis(2-Chloroethyl)ether	7.034	93	239148	46.976	ng	97
12) 1,3-Dichlorobenzene	7.463	146	306595	48.461	ng	99
13) 1,4-Dichlorobenzene	7.610	146	317938	49.178	ng	99
14) 1,2-Dichlorobenzene	7.928	146	285234	48.213	ng	97
15) Benzyl Alcohol	7.869	79	298251	50.532	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.128	45	245288m	47.798	ng	
17) 2-Methylphenol	8.093	107	210173	49.963	ng	98
18) Hexachloroethane	8.640	117	145721	50.497	ng	100
19) n-Nitroso-di-n-propyla...	8.416	70	257877	52.689	ng	97
20) 3+4-Methylphenols	8.422	107	310531	50.842	ng	93
22) Acetophenone	8.416	105	474349	48.527	ng	98
24) Nitrobenzene	8.787	77	420055	47.231	ng	100
25) Isophorone	9.328	82	640275	49.044	ng	98
26) 2-Nitrophenol	9.487	139	151020	50.408	ng	99
27) 2,4-Dimethylphenol	9.598	122	182737	48.974	ng	98
28) bis(2-Chloroethoxy)met...	9.792	93	358987	48.736	ng	100
29) 2,4-Dichlorophenol	10.040	162	267070	49.794	ng	100
30) 1,2,4-Trichlorobenzene	10.204	180	317972	48.861	ng	97
31) Naphthalene	10.392	128	979815	49.850	ng	100
32) Benzoic acid	9.851	122	185892	51.529	ng	98
33) 4-Chloroaniline	10.557	127	357452	50.394	ng	99
34) Hexachlorobutadiene	10.681	225	208082	48.526	ng	98
35) Caprolactam	11.445	113	87715m	51.122	ng	
36) 4-Chloro-3-methylphenol	11.722	107	349296	52.046	ng	99
37) 2-Methylnaphthalene	12.010	142	740672	51.167	ng	98
38) 1-Methylnaphthalene	12.233	142	727343	51.193	ng	99
40) 1,2,4,5-Tetrachloroben...	12.375	216	375379	46.677	ng	99
41) Hexachlorocyclopentadiene	12.369	237	168524	47.525	ng	100
43) 2,4,6-Trichlorophenol	12.657	196	253447	48.531	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.745	196	289385	49.107	ng	99
46) 1,1'-Biphenyl	13.039	154	1028128	48.355	ng	99
47) 2-Chloronaphthalene	13.075	162	798451	48.442	ng	99
48) 2-Nitroaniline	13.328	65	290124	49.990	ng	98
49) Acenaphthylene	13.933	152	1322108	50.501	ng	100
50) Dimethylphthalate	13.710	163	1083295	49.086	ng	100
51) 2,6-Dinitrotoluene	13.816	165	238126	49.420	ng	98
52) Acenaphthene	14.275	154	811747	50.485	ng	100
53) 3-Nitroaniline	14.175	138	241363	51.031	ng	92
54) 2,4-Dinitrophenol	14.351	184	140301	49.060	ng	97
55) Dibenzofuran	14.616	168	1395475	50.886	ng	99
56) 4-Nitrophenol	14.551	139	218212	53.846	ng	98
57) 2,4-Dinitrotoluene	14.604	165	390038	52.454	ng	97
58) Fluorene	15.263	166	1285745	51.779	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.863	232	285186	50.843	ng	98
60) Diethylphthalate	15.074	149	1297045	50.235	ng	99
61) 4-Chlorophenyl-phenyle...	15.263	204	625740	51.108	ng	99
62) 4-Nitroaniline	15.351	138	271501	52.852	ng	96
63) Azobenzene	15.557	77	1294771	49.490	ng	99
65) 4,6-Dinitro-2-methylph...	15.363	198	211618	48.965	ng	99
66) n-Nitrosodiphenylamine	15.492	169	962009	51.515	ng	99
67) 4-Bromophenyl-phenylether	16.157	248	357509	49.894	ng	100
68) Hexachlorobenzene	16.257	284	430353	49.341	ng	100
69) Atrazine	16.468	200	290539	48.819	ng	99
70) Pentachlorophenol	16.627	266	289110	52.695	ng	99
71) Phenanthrene	16.998	178	1878664	50.406	ng	100
72) Anthracene	17.086	178	1822929	51.065	ng	99
73) Carbazole	17.380	167	1773138	51.283	ng	100
74) Di-n-butylphthalate	17.945	149	2347563	51.852	ng	100
75) Fluoranthene	19.015	202	2351152	50.444	ng	99
77) Benzidine	19.233	184	594214	51.597	ng	99
78) Pyrene	19.380	202	2353526	52.172	ng	99
80) Butylbenzylphthalate	20.304	149	1012398	50.632	ng	98
81) Benzo(a)anthracene	21.156	228	1708552	50.250	ng	99
82) 3,3'-Dichlorobenzidine	21.103	252	731668	51.484	ng	99
83) Chrysene	21.215	228	1581405	50.410	ng	100
84) Bis(2-ethylhexyl)phtha...	21.098	149	1512198	51.697	ng	100
85) Di-n-octyl phthalate	22.162	149	1790994	49.709	ng	99
87) Indeno(1,2,3-cd)pyrene	27.091	276	1294385	48.451	ng	98
88) Benzo(b)fluoranthene	23.097	252	1655171	51.310	ng	99
89) Benzo(k)fluoranthene	23.156	252	1458633	50.045	ng	100
90) Benzo(a)pyrene	23.844	252	1319136	50.964	ng	99
91) Dibenzo(a,h)anthracene	27.138	278	1053730	48.186	ng	100
92) Benzo(g,h,i)perylene	28.062	276	1169206	48.811	ng	99

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

