

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100121\
 Data File : BM032302.D
 Acq On : 30 Sep 2021 19:29
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

mohammad
 10/1/2021 11:31:42 AM

Quant Time: Oct 01 01:05:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 19:01:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	293597	20.000	ng	0.00
21) Naphthalene-d8	10.437	136	1200810	20.000	ng	# 0.00
39) Acenaphthene-d10	14.289	164	785050	20.000	ng	0.00
64) Phenanthrene-d10	17.018	188	1648128	20.000	ng	# 0.00
76) Chrysene-d12	21.189	240	1611485	20.000	ng	0.00
86) Perylene-d12	23.342	264	1843837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.213	112	1929849	117.290	ng	0.00
7) Phenol-d6	6.837	99	2812727	112.369	ng	0.00
23) Nitrobenzene-d5	8.801	82	2508403	93.096	ng	0.00
42) 2,4,6-Tribromophenol	15.777	330	1037104	166.230	ng	0.00
45) 2-Fluorobiphenyl	12.913	172	5310055	88.687	ng	0.00
79) Terphenyl-d14	19.636	244	7163692	72.531	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.008	88	392986	52.772	ng	90
3) Pyridine	3.419	79	1188318	61.201	ng	94
4) n-Nitrosodimethylamine	3.331	42	461253	45.510	ng	# 61
6) Aniline	6.972	93	1621267	58.546	ng	90
8) 2-Chlorophenol	7.213	128	1097165	59.701	ng	93
9) Benzaldehyde	6.766	77	747850	45.917	ng	86
10) Phenol	6.860	94	1372705	54.073	ng	81
11) bis(2-Chloroethyl)ether	7.066	93	1070021	55.846	ng	93
12) 1,3-Dichlorobenzene	7.537	146	1186433	52.199	ng	# 91
13) 1,4-Dichlorobenzene	7.678	146	1217202	52.891	ng	97
14) 1,2-Dichlorobenzene	8.001	146	1179848	52.412	ng	97
15) Benzyl Alcohol	7.890	79	1018914	51.737	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1375938	49.882	ng	97
17) 2-Methylphenol	8.107	107	956300	56.261	ng	# 89
18) Hexachloroethane	8.731	117	422265	48.750	ng	93
19) n-Nitroso-di-n-propyla...	8.454	70	808221	44.138	ng	# 83
20) 3+4-Methylphenols	8.437	107	1301766	57.806	ng	93
22) Acetophenone	8.466	105	1670500	48.279	ng	# 87
24) Nitrobenzene	8.842	77	1207866	42.064	ng	# 87
25) Isophorone	9.360	82	2227212	44.507	ng	95
26) 2-Nitrophenol	9.554	139	610416	110.760	ng	# 72
27) 2,4-Dimethylphenol	9.625	122	971578	58.246	ng	94
28) bis(2-Chloroethoxy)met...	9.842	93	1503314	59.989	ng	100
29) 2,4-Dichlorophenol	10.089	162	1086956	60.023	ng	95
30) 1,2,4-Trichlorobenzene	10.307	180	1147962	46.646	ng	98
31) Naphthalene	10.484	128	3491773	51.988	ng	99
32) Benzoic acid	9.813	122	813629	140.927	ng	# 80
33) 4-Chloroaniline	10.589	127	1533860	59.379	ng	# 94
34) Hexachlorobutadiene	10.789	225	673031	40.746	ng	98
35) Caprolactam	11.366	113	400012	80.417	ng	# 78
36) 4-Chloro-3-methylphenol	11.736	107	1206291	56.785	ng	95
37) 2-Methylnaphthalene	12.101	142	2431298m	49.964	ng	
38) 1-Methylnaphthalene	12.319	142	2372300	51.561	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.483	216	1219070	46.412	ng	# 96
41) Hexachlorocyclopentadiene	12.472	237	604858	74.683	ng	97
43) 2,4,6-Trichlorophenol	12.725	196	906303	84.986	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	981692	75.612	ng	# 91
46) 1,1'-Biphenyl	13.119	154	3171960	52.968	ng	99
47) 2-Chloronaphthalene	13.160	162	2468442	50.826	ng	98
48) 2-Nitroaniline	13.360	65	773133	62.693	ng	# 79
49) Acenaphthylene	14.013	152	3974607	54.581	ng	99
50) Dimethylphthalate	13.748	163	3168047	55.576	ng	99
51) 2,6-Dinitrotoluene	13.854	165	689206	59.522	ng	# 66
52) Acenaphthene	14.354	154	2602694	57.514	ng	98
53) 3-Nitroaniline	14.189	138	816104	80.502	ng	87
54) 2,4-Dinitrophenol	14.389	184	433804	132.266	ng	# 62
55) Dibenzofuran	14.689	168	3855077	51.098	ng	93
56) 4-Nitrophenol	14.513	139	702355	123.958	ng	# 64
57) 2,4-Dinitrotoluene	14.648	165	955590	67.240	ng	# 58
58) Fluorene	15.336	166	2781750	46.929	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.924	232	858975	90.515	ng	# 83
60) Diethylphthalate	15.113	149	3171476	57.299	ng	95
61) 4-Chlorophenyl-phenyle...	15.324	204	1414723	44.435	ng	94
62) 4-Nitroaniline	15.360	138	844647	94.981	ng	# 67
63) Azobenzene	15.619	77	3025977	46.757	ng	84
65) 4,6-Dinitro-2-methylph...	15.413	198	620572	112.648	ng	# 74
66) n-Nitrosodiphenylamine	15.542	169	2696797	49.997	ng	97
67) 4-Bromophenyl-phenylether	16.213	248	942970	48.660	ng	92
68) Hexachlorobenzene	16.348	284	1035367	47.249	ng	# 84
69) Atrazine	16.483	200	969490	58.591	ng	95
70) Pentachlorophenol	16.683	266	722126	100.506	ng	98
71) Phenanthrene	17.060	178	4767958	50.570	ng	99
72) Anthracene	17.148	178	4735141	51.375	ng	98
73) Carbazole	17.418	167	4860390	57.416	ng	98
74) Di-n-butylphthalate	17.971	149	5333201	60.613	ng	# 97
75) Fluoranthene	19.071	202	5466161	52.027	ng	96
77) Benzidine	19.248	184	2590713	87.283	ng	98
78) Pyrene	19.430	202	5675238	46.227	ng	97
80) Butylbenzylphthalate	20.318	149	2495259	69.358	ng	91
81) Benzo(a)anthracene	21.171	228	5562621	51.533	ng	97
82) 3,3'-Dichlorobenzidine	21.106	252	1882286	63.336	ng	99
83) Chrysene	21.224	228	5312925	46.369	ng	98
84) Bis(2-ethylhexyl)phtha...	21.089	149	3229463	58.830	ng	# 94
85) Di-n-octyl phthalate	21.942	149	6129819	66.174	ng	# 90
87) Indeno(1,2,3-cd)pyrene	25.506	276	6897816	55.165	ng	96
88) Benzo(b)fluoranthene	22.706	252	5796170	46.988	ng	99
89) Benzo(k)fluoranthene	22.747	252	5777493	43.318	ng	97
90) Benzo(a)pyrene	23.253	252	5160471	45.550	ng	98
91) Dibenzo(a,h)anthracene	25.506	278	5659576	52.495	ng	# 95
92) Benzo(g,h,i)perylene	26.165	276	6148364	57.593	ng	# 95

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

