

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
 Data File : BM031756.D
 Acq On : 16 Aug 2021 18:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 8/17/2021 1:22:11 PM

Quant Time: Aug 16 19:17:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 16:42:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	32029	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	150296	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	110386	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	254559	20.000	ng	0.00
76) Chrysene-d12	21.145	240	264331	20.000	ng	0.00
86) Perylene-d12	23.297	264	248387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	166551	83.460	ng	0.00
7) Phenol-d6	6.746	99	238575	82.505	ng	0.00
23) Nitrobenzene-d5	8.704	82	294208	81.964	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	118802	87.383	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	678421	81.803	ng	0.00
79) Terphenyl-d14	19.592	244	1348324	85.943	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	34407	41.240	ng	# 92
3) Pyridine	3.575	79	94923m	41.169	ng	
4) n-Nitrosodimethylamine	3.493	42	60894	45.256	ng	82
6) Aniline	6.899	93	131331	41.537	ng	97
8) 2-Chlorophenol	7.122	128	97596	41.766	ng	92
9) Benzaldehyde	6.716	77	81423	39.672	ng	96
10) Phenol	6.775	94	119742	41.684	ng	86
11) bis(2-Chloroethyl)ether	6.999	93	85104	39.439	ng	91
12) 1,3-Dichlorobenzene	7.440	146	104538	41.824	ng	# 92
13) 1,4-Dichlorobenzene	7.587	146	109226	42.412	ng	96
14) 1,2-Dichlorobenzene	7.898	146	106567	42.127	ng	97
15) Benzyl Alcohol	7.804	79	107227	43.061	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.075	45	125958	40.851	ng	97
17) 2-Methylphenol	7.998	107	85785	42.231	ng	# 90
18) Hexachloroethane	8.604	117	46642	43.692	ng	89
19) n-Nitroso-di-n-propyla...	8.363	70	96417	42.227	ng	92
20) 3+4-Methylphenols	8.328	107	120917	42.348	ng	95
22) Acetophenone	8.375	105	172509	40.422	ng	# 92
24) Nitrobenzene	8.745	77	148362	40.385	ng	96
25) Isophorone	9.269	82	260731	40.498	ng	97
26) 2-Nitrophenol	9.445	139	59232	40.959	ng	# 76
27) 2,4-Dimethylphenol	9.516	122	91020	41.161	ng	92
28) bis(2-Chloroethoxy)met...	9.751	93	126852	40.948	ng	99
29) 2,4-Dichlorophenol	9.969	162	105299	41.911	ng	94
30) 1,2,4-Trichlorobenzene	10.181	180	112901	42.082	ng	95
31) Naphthalene	10.363	128	356472	41.426	ng	99
32) Benzoic acid	9.681	122	80777	40.799	ng	99
33) 4-Chloroaniline	10.487	127	150365	42.040	ng	95
34) Hexachlorobutadiene	10.639	225	72574	42.366	ng	96
35) Caprolactam	11.298	113	37424	42.899	ng	# 78
36) 4-Chloro-3-methylphenol	11.622	107	131032	42.060	ng	91
37) 2-Methylnaphthalene	11.981	142	269909	41.915	ng	# 95
38) 1-Methylnaphthalene	12.204	142	259202	42.146	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.357	216	128620	41.020	ng	# 97
41) Hexachlorocyclopentadiene	12.328	237	65932	42.031	ng	99
43) 2,4,6-Trichlorophenol	12.610	196	96648	41.815	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.681	196	103850	41.114	ng	# 88
46) 1,1'-Biphenyl	13.016	154	352801	40.614	ng	98
47) 2-Chloronaphthalene	13.057	162	278106	40.780	ng	# 93
48) 2-Nitroaniline	13.275	65	106557	42.102	ng	86
49) Acenaphthylene	13.910	152	466941	41.823	ng	99
50) Dimethylphthalate	13.669	163	374220	40.684	ng	100
51) 2,6-Dinitrotoluene	13.786	165	85219	41.720	ng	# 67
52) Acenaphthene	14.257	154	284699	41.858	ng	98
53) 3-Nitroaniline	14.116	138	89073	42.469	ng	86
54) 2,4-Dinitrophenol	14.327	184	47868	39.752	ng	# 75
55) Dibenzofuran	14.592	168	478393	42.091	ng	92
56) 4-Nitrophenol	14.439	139	77787	43.479	ng	# 73
57) 2,4-Dinitrotoluene	14.580	165	126059	42.851	ng	# 61
58) Fluorene	15.245	166	397675	42.147	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.827	232	96991	42.345	ng	# 83
60) Diethylphthalate	15.039	149	425049	42.041	ng	97
61) 4-Chlorophenyl-phenyle...	15.245	204	194338	42.670	ng	# 86
62) 4-Nitroaniline	15.292	138	95579	44.354	ng	# 83
63) Azobenzene	15.539	77	483793	43.228	ng	90
65) 4,6-Dinitro-2-methylph...	15.345	198	71159	40.891	ng	# 70
66) n-Nitrosodiphenylamine	15.469	169	343534	41.048	ng	99
67) 4-Bromophenyl-phenylether	16.145	248	112458	41.504	ng	# 89
68) Hexachlorobenzene	16.245	284	122123	41.202	ng	# 86
69) Atrazine	16.433	200	124098	41.667	ng	98
70) Pentachlorophenol	16.598	266	85098	42.744	ng	95
71) Phenanthrene	16.986	178	647431	41.702	ng	99
72) Anthracene	17.074	178	637034	41.855	ng	99
73) Carbazole	17.357	167	645994	42.367	ng	97
74) Di-n-butylphthalate	17.927	149	809349	42.617	ng	# 98
75) Fluoranthene	19.009	202	781829	42.043	ng	98
77) Benzidine	19.209	184	379910	48.364	ng	99
78) Pyrene	19.374	202	815939	42.610	ng	99
80) Butylbenzylphthalate	20.292	149	396797	43.234	ng	89
81) Benzo(a)anthracene	21.127	228	825913	42.657	ng	98
82) 3,3'-Dichlorobenzidine	21.074	252	258535	43.210	ng	99
83) Chrysene	21.180	228	785326	41.612	ng	99
84) Bis(2-ethylhexyl)phtha...	21.074	149	614617	43.336	ng	# 94
85) Di-n-octyl phthalate	21.933	149	1007593	42.997	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.433	276	732911	41.871	ng	98
88) Benzo(b)fluoranthene	22.656	252	804178	43.121	ng	99
89) Benzo(k)fluoranthene	22.703	252	751698	41.761	ng	99
90) Benzo(a)pyrene	23.203	252	704889	42.690	ng	99
91) Dibenzo(a,h)anthracene	25.438	278	642444	41.732	ng	99
92) Benzo(g,h,i)perylene	26.080	276	583681	41.637	ng	98

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

