

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031844.D
 Acq On : 20 Aug 2021 16:31
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 8/23/2021 4:24:44 PM

Quant Time: Aug 21 04:24:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	42465	20.000	ng	0.00
21) Naphthalene-d8	10.298	136	177365	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	114542	20.000	ng	0.00
64) Phenanthrene-d10	16.933	188	236779	20.000	ng	0.00
76) Chrysene-d12	21.139	240	232951	20.000	ng	0.00
86) Perylene-d12	23.286	264	243704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	208741	78.895	ng	0.00
7) Phenol-d6	6.740	99	301088	78.534	ng	0.00
23) Nitrobenzene-d5	8.693	82	329665	77.825	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	100219	71.040	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	647901	75.288	ng	0.00
79) Terphenyl-d14	19.580	244	1027248	74.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	34599	31.278	ng	94
3) Pyridine	3.563	79	116833	38.219	ng	99
4) n-Nitrosodimethylamine	3.481	42	50005	28.030	ng	# 75
6) Aniline	6.887	93	163329	38.962	ng	98
8) 2-Chlorophenol	7.110	128	118250	38.168	ng	93
9) Benzaldehyde	6.704	77	97207	35.723	ng	97
10) Phenol	6.769	94	150226	39.444	ng	95
11) bis(2-Chloroethyl)ether	6.987	93	109999	38.448	ng	96
12) 1,3-Dichlorobenzene	7.428	146	123471	37.259	ng	# 95
13) 1,4-Dichlorobenzene	7.575	146	126156	36.948	ng	95
14) 1,2-Dichlorobenzene	7.881	146	121940	36.357	ng	95
15) Benzyl Alcohol	7.793	79	124850	37.817	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.075	45	155211	37.967	ng	97
17) 2-Methylphenol	7.993	107	102137	37.924	ng	94
18) Hexachloroethane	8.593	117	52251	36.917	ng	# 86
19) n-Nitroso-di-n-propyla...	8.351	70	109222	36.079	ng	94
20) 3+4-Methylphenols	8.322	107	142260	37.578	ng	97
22) Acetophenone	8.363	105	195469	38.812	ng	94
24) Nitrobenzene	8.734	77	165346	38.139	ng	95
25) Isophorone	9.257	82	294492	38.761	ng	97
26) 2-Nitrophenol	9.434	139	70077	41.063	ng	# 86
27) 2,4-Dimethylphenol	9.504	122	102182	39.156	ng	96
28) bis(2-Chloroethoxy)met...	9.740	93	141973	38.835	ng	98
29) 2,4-Dichlorophenol	9.963	162	112789	38.041	ng	94
30) 1,2,4-Trichlorobenzene	10.169	180	119199	37.649	ng	97
31) Naphthalene	10.351	128	382288	37.646	ng	99
32) Benzoic acid	9.681	122	91800	39.290	ng	98
33) 4-Chloroaniline	10.475	127	159681	37.831	ng	95
34) Hexachlorobutadiene	10.622	225	72849	36.036	ng	95
35) Caprolactam	11.298	113	41159	39.979	ng	# 82
36) 4-Chloro-3-methylphenol	11.616	107	134641	36.623	ng	92
37) 2-Methylnaphthalene	11.969	142	276674	36.409	ng	94
38) 1-Methylnaphthalene	12.192	142	261513m	36.032	ng	
40) 1,2,4,5-Tetrachloroben...	12.345	216	124817	38.363	ng	# 97
41) Hexachlorocyclopentadiene	12.316	237	61303	37.662	ng	95
43) 2,4,6-Trichlorophenol	12.604	196	94687	39.480	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	103507	39.492	ng	# 91
46) 1,1'-Biphenyl	13.004	154	340222	37.745	ng	97
47) 2-Chloronaphthalene	13.045	162	269668	38.108	ng	# 93
48) 2-Nitroaniline	13.269	65	104079	39.631	ng	88
49) Acenaphthylene	13.898	152	437558	37.769	ng	99
50) Dimethylphthalate	13.657	163	352538	36.937	ng	100
51) 2,6-Dinitrotoluene	13.780	165	81189	38.305	ng	# 77
52) Acenaphthene	14.245	154	263718	37.366	ng	99
53) 3-Nitroaniline	14.110	138	85279	39.185	ng	93
54) 2,4-Dinitrophenol	14.328	184	50850	40.696	ng	# 79
55) Dibenzofuran	14.586	168	433205	36.732	ng	93
56) 4-Nitrophenol	14.439	139	73670	39.684	ng	# 74
57) 2,4-Dinitrotoluene	14.575	165	115660	37.889	ng	# 59
58) Fluorene	15.239	166	351953	35.948	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.822	232	85691	36.054	ng	# 82
60) Diethylphthalate	15.027	149	380768	36.295	ng	96
61) 4-Chlorophenyl-phenyle...	15.239	204	164426	34.792	ng	# 83
62) 4-Nitroaniline	15.286	138	84113	37.617	ng	86
63) Azobenzene	15.533	77	415333	35.765	ng	92
65) 4,6-Dinitro-2-methylph...	15.345	198	68754	42.475	ng	# 74
66) n-Nitrosodiphenylamine	15.463	169	300127	38.554	ng	98
67) 4-Bromophenyl-phenylether	16.133	248	94931	37.666	ng	# 87
68) Hexachlorobenzene	16.239	284	102165	37.057	ng	# 87
69) Atrazine	16.427	200	106284	38.365	ng	98
70) Pentachlorophenol	16.592	266	72278	39.030	ng	98
71) Phenanthrene	16.980	178	542386	37.559	ng	99
72) Anthracene	17.069	178	539863	38.134	ng	99
73) Carbazole	17.351	167	543078	38.292	ng	98
74) Di-n-butylphthalate	17.921	149	660963	37.417	ng	99
75) Fluoranthene	19.004	202	630731	36.465	ng	99
77) Benzidine	19.204	184	278043	40.164	ng	98
78) Pyrene	19.368	202	644202	38.173	ng	99
80) Butylbenzylphthalate	20.286	149	316681	39.153	ng	90
81) Benzo(a)anthracene	21.121	228	647709	37.960	ng	98
82) 3,3'-Dichlorobenzidine	21.062	252	209445	39.721	ng	97
83) Chrysene	21.174	228	621623	37.374	ng	99
84) Bis(2-ethylhexyl)phtha...	21.068	149	478526	38.285	ng	95
85) Di-n-octyl phthalate	21.927	149	817988	39.608	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.427	276	752023	43.788	ng	98
88) Benzo(b)fluoranthene	22.650	252	665710	36.382	ng	99
89) Benzo(k)fluoranthene	22.698	252	627291	35.519	ng	# 98
90) Benzo(a)pyrene	23.198	252	611029	37.717	ng	99
91) Dibenzo(a,h)anthracene	25.433	278	654451	43.329	ng	98
92) Benzo(g,h,i)perylene	26.074	276	600238	43.640	ng	97

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

