

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125380.D
 Acq On : 7 Sep 2021 10:52
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

9/9/2021 11:50:29 AM

Quant Time: Sep 07 12:02:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	158677	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	567034	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	291251	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	498068	20.000	ng	0.00
76) Chrysene-d12	14.068	240	286368	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	300504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	746345	71.193	ng	0.00
7) Phenol-d6	6.533	99	973568	71.806	ng	0.00
23) Nitrobenzene-d5	7.469	82	866071	76.894	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	257575	88.595	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1468300	70.263	ng	0.00
79) Terphenyl-d14	13.009	244	1424546	79.249	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	189394	36.612	ng	# 100
3) Pyridine	3.457	79	498974	36.538	ng	# 91
4) n-Nitrosodimethylamine	3.416	42	231359	33.856	ng	# 34
6) Aniline	6.563	93	573050	35.981	ng	# 94
8) 2-Chlorophenol	6.686	128	387962	36.277	ng	82
9) Benzaldehyde	6.451	77	345656	36.327	ng	93
10) Phenol	6.545	94	542672	38.220	ng	95
11) bis(2-Chloroethyl)ether	6.633	93	399472	35.723	ng	83
12) 1,3-Dichlorobenzene	6.839	146	449649	36.283	ng	97
13) 1,4-Dichlorobenzene	6.916	146	451031	36.526	ng	97
14) 1,2-Dichlorobenzene	7.069	146	414457	35.675	ng	98
15) Benzyl Alcohol	7.045	79	370553	35.496	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	755993	33.711	ng	96
17) 2-Methylphenol	7.151	107	330837	36.826	ng	95
18) Hexachloroethane	7.410	117	158543	36.665	ng	# 85
19) n-Nitroso-di-n-propyla...	7.310	70	284453	34.880	ng	# 78
20) 3+4-Methylphenols	7.304	107	381478	33.828	ng	# 78
22) Acetophenone	7.310	105	510201	34.961	ng	# 90
24) Nitrobenzene	7.486	77	470537	38.340	ng	90
25) Isophorone	7.722	82	801360	36.881	ng	# 90
26) 2-Nitrophenol	7.798	139	213921	43.652	ng	# 81
27) 2,4-Dimethylphenol	7.833	122	301477	35.141	ng	90
28) bis(2-Chloroethoxy)met...	7.927	93	446711	37.131	ng	# 97
29) 2,4-Dichlorophenol	8.039	162	340477	38.914	ng	95
30) 1,2,4-Trichlorobenzene	8.122	180	355989	37.312	ng	96
31) Naphthalene	8.204	128	1051156	36.197	ng	100
32) Benzoic acid	7.951	122	193312m	33.198	ng	
33) 4-Chloroaniline	8.251	127	438507	38.303	ng	# 89
34) Hexachlorobutadiene	8.316	225	239386	39.349	ng	100
35) Caprolactam	8.627	113	95394	42.094	ng	# 49
36) 4-Chloro-3-methylphenol	8.733	107	352571	39.473	ng	92
37) 2-Methylnaphthalene	8.898	142	725487	37.806	ng	97
38) 1-Methylnaphthalene	8.992	142	673011	37.557	ng	97
40) 1,2,4,5-Tetrachloroben...	9.063	216	365060	38.364	ng	97
41) Hexachlorocyclopentadiene	9.045	237	204721	40.949	ng	99
43) 2,4,6-Trichlorophenol	9.174	196	250856	37.440	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125380.D
 Acq On : 7 Sep 2021 10:52
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

9/9/2021 11:50:29 AM

Quant Time: Sep 07 12:02:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	271536	38.521	ng	92
46) 1,1'-Biphenyl	9.357	154	835040	35.563	ng	98
47) 2-Chloronaphthalene	9.386	162	690927	36.209	ng	97
48) 2-Nitroaniline	9.480	65	239072	40.419	ng	# 79
49) Acenaphthylene	9.804	152	1011728	36.386	ng	99
50) Dimethylphthalate	9.657	163	767154	38.009	ng	# 97
51) 2,6-Dinitrotoluene	9.721	165	180267	41.190	ng	# 82
52) Acenaphthene	9.974	154	604272	35.056	ng	98
53) 3-Nitroaniline	9.892	138	186612	39.540	ng	# 72
54) 2,4-Dinitrophenol	9.998	184	79047	45.726	ng	# 83
55) Dibenzofuran	10.145	168	906476	36.541	ng	97
56) 4-Nitrophenol	10.057	139	125224	33.505	ng	# 77
57) 2,4-Dinitrotoluene	10.127	165	230366	43.491	ng	# 96
58) Fluorene	10.486	166	694447	37.865	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	205195	39.226	ng	# 84
60) Diethylphthalate	10.357	149	735256	37.367	ng	97
61) 4-Chlorophenyl-phenyle...	10.474	204	366905	39.567	ng	89
62) 4-Nitroaniline	10.510	138	175332	41.312	ng	# 82
63) Azobenzene	10.639	77	788125	35.710	ng	92
65) 4,6-Dinitro-2-methylph...	10.533	198	127001	48.178	ng	93
66) n-Nitrosodiphenylamine	10.598	169	662856	37.168	ng	98
67) 4-Bromophenyl-phenylether	10.968	248	240580	40.225	ng	90
68) Hexachlorobenzene	11.033	284	249208	40.503	ng	# 86
69) Atrazine	11.121	200	199421	38.968	ng	90
70) Pentachlorophenol	11.233	266	120274	33.478	ng	90
71) Phenanthrene	11.451	178	1009556	36.786	ng	98
72) Anthracene	11.504	178	989672	36.586	ng	98
73) Carbazole	11.657	167	898664	36.355	ng	99
74) Di-n-butylphthalate	11.980	149	1070726	36.502	ng	100
75) Fluoranthene	12.639	202	978220	35.923	ng	97
77) Benzidine	12.762	184	367179	36.713	ng	98
78) Pyrene	12.868	202	972976	39.609	ng	96
80) Butylbenzylphthalate	13.480	149	366265	37.946	ng	# 93
81) Benzo(a)anthracene	14.057	228	789274	38.253	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	248375	38.834	ng	98
83) Chrysene	14.092	228	758960	37.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	478812	36.092	ng	99
85) Di-n-octyl phthalate	14.651	149	752195	34.091	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	935344	43.205	ng	# 90
88) Benzo(b)fluoranthene	15.115	252	792366	36.092	ng	# 95
89) Benzo(k)fluoranthene	15.151	252	723734	35.327	ng	98
90) Benzo(a)pyrene	15.498	252	720199	37.137	ng	# 94
91) Dibenzo(a,h)anthracene	17.086	278	795700	42.520	ng	# 95
92) Benzo(g,h,i)perylene	17.527	276	803428	44.527	ng	# 88

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

