

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134375.D
 Acq On : 20 Jul 2023 11:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/21/2023

Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 13:22:11 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 14 22:51:27 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	72207	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	265352	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	138265	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	276725	20.000	ng	0.00
76) Chrysene-d12	14.039	240	211386	20.000	ng	0.00
86) Perylene-d12	15.539	264	187384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	349573	80.983	ng	0.00
7) Phenol-d6	6.487	99	497101	93.641	ng	0.00
23) Nitrobenzene-d5	7.410	82	413185	83.937	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	160134	92.373	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	816808	85.890	ng	0.00
79) Terphenyl-d14	12.969	244	968874	73.767	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	79250	44.526	ng	99
3) Pyridine	3.381	79	204944	44.206	ng	95
4) n-Nitrosodimethylamine	3.352	42	118104	44.604	ng	98
6) Aniline	6.510	93	311868	48.278	ng	95
8) 2-Chlorophenol	6.628	128	178287	40.687	ng	99
9) Benzaldehyde	6.398	77	150208	58.230	ng	96
10) Phenol	6.498	94	265459	47.560	ng	88
11) bis(2-Chloroethyl)ether	6.581	93	161368	39.269	ng	96
12) 1,3-Dichlorobenzene	6.781	146	189003	40.458	ng	99
13) 1,4-Dichlorobenzene	6.857	146	191635	40.613	ng	99
14) 1,2-Dichlorobenzene	7.010	146	183609	41.549	ng	99
15) Benzyl Alcohol	6.987	79	170868	41.752	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	239276	32.914	ng	87
17) 2-Methylphenol	7.098	107	154717	39.429	ng	95
18) Hexachloroethane	7.345	117	71879	41.083	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	138578	41.163	ng	93
20) 3+4-Methylphenols	7.251	107	201046	42.234	ng	96
22) Acetophenone	7.251	105	257651	42.694	ng	98
24) Nitrobenzene	7.428	77	204878	41.187	ng	98
25) Isophorone	7.663	82	358533	40.076	ng	98
26) 2-Nitrophenol	7.739	139	97501	40.859	ng	97
27) 2,4-Dimethylphenol	7.781	122	151791	40.185	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	204988	39.571	ng	99
29) 2,4-Dichlorophenol	7.981	162	154054	41.129	ng	94
30) 1,2,4-Trichlorobenzene	8.063	180	163581	42.325	ng	99
31) Naphthalene	8.139	128	525933	41.033	ng	98
32) Benzoic acid	7.910	122	107842m	38.101	ng	
33) 4-Chloroaniline	8.192	127	219762	40.082	ng	98
34) Hexachlorobutadiene	8.251	225	112775	46.257	ng	99
35) Caprolactam	8.581	113	46148	37.418	ng	95
36) 4-Chloro-3-methylphenol	8.681	107	177796	42.253	ng	95
37) 2-Methylnaphthalene	8.833	142	375201	41.395	ng	99
38) 1-Methylnaphthalene	8.933	142	344290	40.860	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	175942	42.951	ng	98
41) Hexachlorocyclopentadiene	8.981	237	89089	45.842	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	111673	40.047	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134375.D
 Acq On : 20 Jul 2023 11:29
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 20 13:22:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	129370	39.441	ng	95
46) 1,1'-Biphenyl	9.298	154	449312	40.511	ng	96
47) 2-Chloronaphthalene	9.328	162	329892	40.652	ng	100
48) 2-Nitroaniline	9.428	65	115028	38.894	ng	96
49) Acenaphthylene	9.739	152	550755	39.730	ng	100
50) Dimethylphthalate	9.604	163	407667	40.618	ng	99
51) 2,6-Dinitrotoluene	9.669	165	88485	40.932	ng	91
52) Acenaphthene	9.910	154	322241	40.061	ng	98
53) 3-Nitroaniline	9.839	138	97775	37.702	ng	89
54) 2,4-Dinitrophenol	9.957	184	45762	38.749	ng	94
55) Dibenzofuran	10.086	168	496841	39.523	ng	98
56) 4-Nitrophenol	10.010	139	55150	30.402	ng	89
57) 2,4-Dinitrotoluene	10.080	165	117450	41.140	ng	# 87
58) Fluorene	10.433	166	407637	41.680	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	99314	38.385	ng	98
60) Diethylphthalate	10.304	149	434939	41.594	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	198093	42.029	ng	98
62) 4-Nitroaniline	10.463	138	96754	37.020	ng	91
63) Azobenzene	10.580	77	386126	39.037	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	66840	44.303	ng	90
66) n-Nitrosodiphenylamine	10.545	169	349226	39.499	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	124647	42.379	ng	# 91
68) Hexachlorobenzene	10.980	284	133958	42.895	ng	97
69) Atrazine	11.075	200	99941	40.865	ng	95
70) Pentachlorophenol	11.180	266	63853	34.196	ng	97
71) Phenanthrene	11.398	178	560261	40.217	ng	99
72) Anthracene	11.451	178	580952	40.094	ng	100
73) Carbazole	11.610	167	524448	39.544	ng	99
74) Di-n-butylphthalate	11.933	149	686768	43.545	ng	99
75) Fluoranthene	12.592	202	636260	42.247	ng	98
77) Benzidine	12.721	184	194944	38.758	ng	99
78) Pyrene	12.827	202	669570	34.036	ng	99
80) Butylbenzylphthalate	13.445	149	292169	39.600	ng	97
81) Benzo(a)anthracene	14.027	228	583697	39.816	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	191805	41.296	ng	# 96
83) Chrysene	14.068	228	559909	39.433	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	414494	48.892	ng	100
85) Di-n-octyl phthalate	14.627	149	661678	53.117	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	422084	32.462	ng	# 94
88) Benzo(b)fluoranthene	15.098	252	471893	42.828	ng	99
89) Benzo(k)fluoranthene	15.127	252	488778	43.569	ng	98
90) Benzo(a)pyrene	15.480	252	435473	40.872	ng	97
91) Dibenzo(a,h)anthracene	17.109	278	348789	32.841	ng	# 95
92) Benzo(g,h,i)perylene	17.568	276	344398	31.446	ng	# 95

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

