

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134434.D
 Acq On : 24 Jul 2023 17:44
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:40:59 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 25 01:30:14 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	60329	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	201078	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	98354	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	204149	20.000	ng	0.00
76) Chrysene-d12	14.039	240	143257	20.000	ng	0.00
86) Perylene-d12	15.533	264	133540	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	543209	148.765	ng	0.00
7) Phenol-d6	6.493	99	649004	145.069	ng	0.01
23) Nitrobenzene-d5	7.410	82	625058	157.275	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	219446	157.035	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1107722	147.855	ng	0.00
79) Terphenyl-d14	12.969	244	1332223	162.338	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	114219	73.746	ng	96
3) Pyridine	3.381	79	276156	79.568	ng	99
4) n-Nitrosodimethylamine	3.369	42	168807	82.162	ng	93
6) Aniline	6.510	93	380167	72.100	ng	# 84
8) 2-Chlorophenol	6.628	128	267171	72.224	ng	99
10) Phenol	6.504	94	339238	72.880	ng	86
11) bis(2-Chloroethyl)ether	6.581	93	239408	73.676	ng	98
12) 1,3-Dichlorobenzene	6.781	146	288227	72.458	ng	98
13) 1,4-Dichlorobenzene	6.857	146	293021	71.580	ng	99
14) 1,2-Dichlorobenzene	7.010	146	273676	71.170	ng	98
15) Benzyl Alcohol	6.987	79	254561	74.424	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	344599	72.012	ng	99
17) 2-Methylphenol	7.098	107	234952	71.217	ng	98
18) Hexachloroethane	7.345	117	113050	71.883	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	196854	70.683	ng	98
20) 3+4-Methylphenols	7.257	107	300369	71.111	ng	89
22) Acetophenone	7.257	105	377691	75.526	ng	96
24) Nitrobenzene	7.428	77	308084	77.946	ng	97
25) Isophorone	7.663	82	512342	77.351	ng	99
26) 2-Nitrophenol	7.739	139	143535	78.956	ng	100
27) 2,4-Dimethylphenol	7.781	122	224722	78.332	ng	93
28) bis(2-Chloroethoxy)met...	7.869	93	284022	77.038	ng	99
29) 2,4-Dichlorophenol	7.981	162	220643	76.937	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	235529	76.137	ng	98
31) Naphthalene	8.139	128	765914	76.535	ng	99
32) Benzoic acid	7.934	122	172215m	90.907	ng	
33) 4-Chloroaniline	8.198	127	320766	77.544	ng	99
34) Hexachlorobutadiene	8.251	225	155509	75.039	ng	97
35) Caprolactam	8.592	113	69217m	79.085	ng	
36) 4-Chloro-3-methylphenol	8.681	107	256947	77.650	ng	99
37) 2-Methylnaphthalene	8.834	142	523403	75.274	ng	99
38) 1-Methylnaphthalene	8.928	142	483304	74.924	ng	96
40) 1,2,4,5-Tetrachloroben...	8.998	216	243736	78.200	ng	99
41) Hexachlorocyclopentadiene	8.975	237	84958	79.733	ng	93
43) 2,4,6-Trichlorophenol	9.110	196	156391	78.214	ng	94
44) 2,4,5-Trichlorophenol	9.157	196	184317	79.119	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.298	154	619949	76.478	ng	100
47) 2-Chloronaphthalene	9.322	162	460211	77.008	ng	98
48) 2-Nitroaniline	9.428	65	175260	81.431	ng	99
49) Acenaphthylene	9.739	152	769006	76.169	ng	99
50) Dimethylphthalate	9.604	163	571498	78.384	ng	99
51) 2,6-Dinitrotoluene	9.675	165	126337	78.970	ng	# 81
52) Acenaphthene	9.910	154	457844	76.767	ng	99
53) 3-Nitroaniline	9.845	138	143385	78.172	ng	90
54) 2,4-Dinitrophenol	9.957	184	67928	80.855	ng	98
55) Dibenzofuran	10.086	168	690558	75.230	ng	100
56) 4-Nitrophenol	10.016	139	85454	87.363	ng	91
57) 2,4-Dinitrotoluene	10.081	165	168360	78.352	ng	86
58) Fluorene	10.428	166	568078	76.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	141994m	79.033	ng	
60) Diethylphthalate	10.304	149	581454	77.028	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	268797	75.986	ng	97
62) 4-Nitroaniline	10.469	138	153086m	81.379	ng	
63) Azobenzene	10.581	77	541480	77.931	ng	95
65) 4,6-Dinitro-2-methylph...	10.498	198	98264	83.911	ng	93
66) n-Nitrosodiphenylamine	10.545	169	490582	75.532	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	168689	75.417	ng	93
68) Hexachlorobenzene	10.980	284	190112	75.478	ng	97
69) Atrazine	11.075	200	127365	70.334	ng	99
70) Pentachlorophenol	11.180	266	91483	86.546	ng	96
71) Phenanthrene	11.398	178	800783	75.075	ng	99
72) Anthracene	11.451	178	831898	75.565	ng	98
73) Carbazole	11.610	167	787077	75.922	ng	99
74) Di-n-butylphthalate	11.933	149	889103	74.712	ng	99
75) Fluoranthene	12.592	202	927046	74.574	ng	98
77) Benzidine	12.716	184	225269	73.646	ng	# 95
78) Pyrene	12.827	202	942536	82.746	ng	99
80) Butylbenzylphthalate	13.445	149	364687	79.927	ng	95
81) Benzo(a)anthracene	14.027	228	761778	76.218	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	226377	71.511	ng	98
83) Chrysene	14.063	228	723420	75.673	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	421145	75.975	ng	100
85) Di-n-octyl phthalate	14.621	149	595691	77.330	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	789114	90.451	ng	99
88) Benzo(b)fluoranthene	15.098	252	617624	73.929	ng	99
89) Benzo(k)fluoranthene	15.127	252	618702	75.287	ng	99
90) Benzo(a)pyrene	15.480	252	597926	77.431	ng	100
91) Dibenzo(a,h)anthracene	17.109	278	639384	90.750	ng	99
92) Benzo(g,h,i)perylene	17.574	276	664004	91.785	ng	99

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

