

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134432.D
 Acq On : 24 Jul 2023 16:36
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 01:37:54 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	6.834	152	62665	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	217369	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	109397	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	221212	20.000	ng	0.00
76) Chrysene-d12	14.033	240	167180	20.000	ng	0.00
86) Perylene-d12	15.539	264	149772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	365339	96.323	ng	0.00
7) Phenol-d6	6.481	99	440842	94.866	ng	0.00
23) Nitrobenzene-d5	7.404	82	421536	98.116	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	151365	97.383	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	780785	93.696	ng	0.00
79) Terphenyl-d14	12.969	244	956270	99.852	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	76004	47.243	ng	95
3) Pyridine	3.375	79	186709	51.790	ng	98
4) n-Nitrosodimethylamine	3.352	42	110527	51.790	ng	# 94
6) Aniline	6.504	93	261904	47.820	ng	93
8) 2-Chlorophenol	6.628	128	182102	47.392	ng	94
9) Benzaldehyde	6.393	77	110508	44.407	ng	99
10) Phenol	6.493	94	228255	47.209	ng	99
11) bis(2-Chloroethyl)ether	6.581	93	157377	46.626	ng	93
12) 1,3-Dichlorobenzene	6.775	146	194329	47.031	ng	98
13) 1,4-Dichlorobenzene	6.851	146	194971	45.853	ng	99
14) 1,2-Dichlorobenzene	7.004	146	185443	46.427	ng	98
15) Benzyl Alcohol	6.987	79	173682	48.885	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	237263	47.734	ng	99
17) 2-Methylphenol	7.092	107	159366	46.505	ng	97
18) Hexachloroethane	7.340	117	76377	46.754	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	134022	46.329	ng	97
20) 3+4-Methylphenols	7.251	107	202728	46.205	ng	96
22) Acetophenone	7.251	105	258862	47.884	ng	96
24) Nitrobenzene	7.422	77	209048	48.926	ng	97
25) Isophorone	7.657	82	349876	48.864	ng	99
26) 2-Nitrophenol	7.734	139	98246	49.993	ng	96
27) 2,4-Dimethylphenol	7.775	122	150624	48.569	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	196614	49.332	ng	100
29) 2,4-Dichlorophenol	7.981	162	150389	48.510	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	161694	48.352	ng	99
31) Naphthalene	8.139	128	516543	47.748	ng	99
32) Benzoic acid	7.910	122	103757	50.665	ng	# 85
33) 4-Chloroaniline	8.192	127	214310	47.926	ng	97
34) Hexachlorobutadiene	8.251	225	106819	47.681	ng	96
35) Caprolactam	8.575	113	46840	49.507	ng	95
36) 4-Chloro-3-methylphenol	8.675	107	174965	48.912	ng	99
37) 2-Methylnaphthalene	8.828	142	358390	47.680	ng	100
38) 1-Methylnaphthalene	8.928	142	336755	48.293	ng	96
40) 1,2,4,5-Tetrachloroben...	8.998	216	167852	48.417	ng	99
41) Hexachlorocyclopentadiene	8.975	237	49653	51.062	ng	93
43) 2,4,6-Trichlorophenol	9.110	196	106403	47.842	ng	97

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44) 2,4,5-Trichlorophenol	9.157	196	124040	47.870	ng	95
46) 1,1'-Biphenyl	9.292	154	426279	47.278	ng	98
47) 2-Chloronaphthalene	9.322	162	312936	47.078	ng	98
48) 2-Nitroaniline	9.422	65	117591	49.121	ng	98
49) Acenaphthylene	9.739	152	525852	46.827	ng	99
50) Dimethylphthalate	9.598	163	390947	48.208	ng	98
51) 2,6-Dinitrotoluene	9.669	165	84261	47.353	ng	90
52) Acenaphthene	9.910	154	313528	47.263	ng	98
53) 3-Nitroaniline	9.839	138	99604	48.821	ng	93
54) 2,4-Dinitrophenol	9.951	184	43209	49.053	ng	94
55) Dibenzofuran	10.081	168	483672	47.373	ng	98
56) 4-Nitrophenol	10.010	139	56858	52.261	ng	# 82
57) 2,4-Dinitrotoluene	10.075	165	115629	48.380	ng	91
58) Fluorene	10.428	166	393873	47.820	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	96661m	48.370	ng	
60) Diethylphthalate	10.298	149	400763	47.732	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	188138	47.816	ng	96
62) 4-Nitroaniline	10.457	138	103487	49.459	ng	95
63) Azobenzene	10.580	77	372951	48.258	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	64241	50.626	ng	89
66) n-Nitrosodiphenylamine	10.539	169	334800	47.571	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	116040	47.877	ng	97
68) Hexachlorobenzene	10.975	284	131236	48.084	ng	98
69) Atrazine	11.069	200	92370	47.074	ng	96
70) Pentachlorophenol	11.175	266	56822	49.609	ng	98
71) Phenanthrene	11.392	178	556083	48.113	ng	99
72) Anthracene	11.445	178	579017	48.538	ng	100
73) Carbazole	11.610	167	546966	48.691	ng	99
74) Di-n-butylphthalate	11.933	149	630181	48.870	ng	99
75) Fluoranthene	12.592	202	650378	48.283	ng	99
77) Benzidine	12.716	184	180156	50.469	ng	98
78) Pyrene	12.827	202	671256	50.497	ng	100
80) Butylbenzylphthalate	13.445	149	272386	51.155	ng	92
81) Benzo(a)anthracene	14.021	228	568822	48.768	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	177840	48.139	ng	99
83) Chrysene	14.063	228	549799	49.282	ng	97
84) Bis(2-ethylhexyl)phtha...	14.004	149	331537	51.251	ng	97
85) Di-n-octyl phthalate	14.621	149	448214	49.859	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	513001	52.429	ng	99
88) Benzo(b)fluoranthene	15.092	252	454641	48.522	ng	99
89) Benzo(k)fluoranthene	15.127	252	433557	47.040	ng	98
90) Benzo(a)pyrene	15.474	252	425361	49.114	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	415163	52.539	ng	98
92) Benzo(g,h,i)perylene	17.562	276	431304	53.158	ng	98

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

