

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134438.D
 Acq On : 24 Jul 2023 20:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2023

Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 02:46:16 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 01:46:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	55672	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	190480	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	94158	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	192580	20.000	ng	0.00
76) Chrysene-d12	14.033	240	154460	20.000	ng	0.00
86) Perylene-d12	15.533	264	139196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	273537	81.178	ng	0.00
7) Phenol-d6	6.475	99	329639	79.847	ng	0.00
23) Nitrobenzene-d5	7.398	82	313487	83.267	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	109279	81.685	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	577278	80.487	ng	0.00
79) Terphenyl-d14	12.963	244	682006	77.078	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	56953	39.848	ng	98
3) Pyridine	3.369	79	133396	41.579	ng	99
4) n-Nitrosodimethylamine	3.334	42	80716	42.572	ng	95
6) Aniline	6.504	93	194446	39.962	ng	99
8) 2-Chlorophenol	6.622	128	133725	39.174	ng	98
9) Benzaldehyde	6.392	77	82214	37.187	ng	94
10) Phenol	6.492	94	172296	40.112	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	116989	39.014	ng	97
12) 1,3-Dichlorobenzene	6.775	146	145345	39.595	ng	100
13) 1,4-Dichlorobenzene	6.851	146	148367	39.275	ng	99
14) 1,2-Dichlorobenzene	7.004	146	139510	39.315	ng	97
15) Benzyl Alcohol	6.981	79	126655	39.735	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	177646	40.229	ng	96
17) 2-Methylphenol	7.092	107	121674	39.966	ng	97
18) Hexachloroethane	7.339	117	55380	38.159	ng	96
19) n-Nitroso-di-n-propyla...	7.245	70	98944	38.499	ng	99
20) 3+4-Methylphenols	7.245	107	150535	38.619	ng	96
22) Acetophenone	7.245	105	191601	40.446	ng	97
24) Nitrobenzene	7.422	77	154583	41.286	ng	99
25) Isophorone	7.657	82	257374	41.019	ng	99
26) 2-Nitrophenol	7.733	139	73055	42.422	ng	97
27) 2,4-Dimethylphenol	7.769	122	112236	41.299	ng	96
28) bis(2-Chloroethoxy)met...	7.863	93	143218	41.007	ng	99
29) 2,4-Dichlorophenol	7.975	162	111357	40.990	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	119123	40.650	ng	99
31) Naphthalene	8.133	128	382124	40.309	ng	99
32) Benzoic acid	7.892	122	73461	40.468	ng	# 74
33) 4-Chloroaniline	8.192	127	160206	40.884	ng	99
34) Hexachlorobutadiene	8.245	225	81144	41.334	ng	96
35) Caprolactam	8.563	113	35338	42.540	ng	95
36) 4-Chloro-3-methylphenol	8.675	107	126387	40.319	ng	98
37) 2-Methylnaphthalene	8.828	142	267528	40.616	ng	99
38) 1-Methylnaphthalene	8.927	142	242829	39.739	ng	95
40) 1,2,4,5-Tetrachloroben...	8.992	216	121814	40.824	ng	99
41) Hexachlorocyclopentadiene	8.975	237	30723	40.535	ng	95
43) 2,4,6-Trichlorophenol	9.110	196	77850	40.669	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	92426	41.442	ng	97
46) 1,1'-Biphenyl	9.292	154	314715	40.554	ng	99
47) 2-Chloronaphthalene	9.322	162	234429	40.976	ng	99
48) 2-Nitroaniline	9.422	65	84725	41.120	ng	97
49) Acenaphthylene	9.733	152	393678	40.731	ng	99
50) Dimethylphthalate	9.592	163	285571	40.913	ng	99
51) 2,6-Dinitrotoluene	9.663	165	62333	40.699	ng	94
52) Acenaphthene	9.904	154	232822	40.777	ng	99
53) 3-Nitroaniline	9.833	138	72560	41.322	ng	89
54) 2,4-Dinitrophenol	9.951	184	26717	37.089	ng	99
55) Dibenzofuran	10.080	168	358431	40.788	ng	99
56) 4-Nitrophenol	10.004	139	38951	41.596	ng	94
57) 2,4-Dinitrotoluene	10.074	165	85040	41.340	ng	98
58) Fluorene	10.422	166	289063	40.775	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	65681m	38.332	ng	
60) Diethylphthalate	10.292	149	292820	40.520	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	137786	40.686	ng	98
62) 4-Nitroaniline	10.451	138	73175	40.617	ng	92
63) Azobenzene	10.574	77	270036	40.596	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	45234	40.947	ng	90
66) n-Nitrosodiphenylamine	10.539	169	247591	40.410	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	83190	39.426	ng	99
68) Hexachlorobenzene	10.974	284	94583	39.807	ng	98
69) Atrazine	11.063	200	70087	41.029	ng	95
70) Pentachlorophenol	11.174	266	41498	41.617	ng	99
71) Phenanthrene	11.392	178	406965	40.446	ng	98
72) Anthracene	11.445	178	417127	40.166	ng	99
73) Carbazole	11.604	167	392711	40.157	ng	100
74) Di-n-butylphthalate	11.927	149	441898	39.364	ng	99
75) Fluoranthene	12.592	202	469736	40.057	ng	100
77) Benzidine	12.715	184	143457	43.498	ng	98
78) Pyrene	12.821	202	487925	39.728	ng	100
80) Butylbenzylphthalate	13.439	149	196965	40.037	ng	99
81) Benzo(a)anthracene	14.021	228	436405	40.496	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	137901	40.402	ng	# 98
83) Chrysene	14.057	228	426018	41.331	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	252330	42.219	ng	98
85) Di-n-octyl phthalate	14.621	149	376661	45.350	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	367436	40.405	ng	99
88) Benzo(b)fluoranthene	15.092	252	346075	39.742	ng	98
89) Benzo(k)fluoranthene	15.121	252	361882	42.257	ng	97
90) Benzo(a)pyrene	15.474	252	332938	41.363	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	301973	41.118	ng	99
92) Benzo(g,h,i)perylene	17.556	276	308012	40.846	ng	98

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

Reviewed By :Yogesh Patel 07/25/2023
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[illegible]