

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137290.D
 Acq On : 06 Feb 2024 14:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 06 14:57:25 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jan 31 04:56:22 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	67459	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	268105	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	166987	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	345178	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	257716	20.000	ng	0.00
86) Perylene-d12	15.463	264	202401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	360401	88.156	ng	0.00
7) Phenol-d6	6.428	99	486891	83.453	ng	0.00
23) Nitrobenzene-d5	7.357	82	523128	87.359	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	176389	93.532	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	952105	78.379	ng	0.00
79) Terphenyl-d14	12.922	244	1333132	70.322	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	81151	37.098	ng	92
3) Pyridine	3.322	79	181589	41.444	ng	92
4) n-Nitrosodimethylamine	3.293	42	99839	45.191	ng	# 90
6) Aniline	6.457	93	282355	45.209	ng	97
8) 2-Chlorophenol	6.575	128	195780	42.830	ng	98
9) Benzaldehyde	6.346	77	86909	39.115	ng	97
10) Phenol	6.440	94	273833	42.048	ng	94
11) bis(2-Chloroethyl)ether	6.534	93	190634	43.802	ng	99
12) 1,3-Dichlorobenzene	6.728	146	217794	40.637	ng	97
13) 1,4-Dichlorobenzene	6.810	146	218324	39.389	ng	98
14) 1,2-Dichlorobenzene	6.957	146	207892	40.115	ng	97
15) Benzyl Alcohol	6.934	79	200621	48.401	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	316549	40.377	ng	97
17) 2-Methylphenol	7.046	107	171236	44.839	ng	99
18) Hexachloroethane	7.298	117	82476	41.257	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	173284	43.318	ng	97
20) 3+4-Methylphenols	7.198	107	214919	44.456	ng	96
22) Acetophenone	7.204	105	307015	42.536	ng	98
24) Nitrobenzene	7.375	77	251241	43.227	ng	98
25) Isophorone	7.610	82	467857	42.328	ng	97
26) 2-Nitrophenol	7.687	139	97758	43.677	ng	89
27) 2,4-Dimethylphenol	7.728	122	131902	41.750	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	246239	41.951	ng	99
29) 2,4-Dichlorophenol	7.928	162	174766	44.591	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	199362	40.951	ng	98
31) Naphthalene	8.093	128	592414	40.873	ng	99
32) Benzoic acid	7.863	122	110800	49.455	ng	96
33) 4-Chloroaniline	8.145	127	229157	45.963	ng	98
34) Hexachlorobutadiene	8.210	225	134520	41.557	ng	95
35) Caprolactam	8.522	113	60548m	49.683	ng	
36) 4-Chloro-3-methylphenol	8.628	107	208819	45.110	ng	96
37) 2-Methylnaphthalene	8.781	142	408928	42.083	ng	100
38) 1-Methylnaphthalene	8.881	142	379373	42.034	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	219871	39.350	ng	100
41) Hexachlorocyclopentadiene	8.934	237	117927	44.312	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	140021	44.181	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	148892	42.981	ng	97
46) 1,1'-Biphenyl	9.251	154	532441	40.075	ng	98
47) 2-Chloronaphthalene	9.275	162	394552	40.128	ng	100
48) 2-Nitroaniline	9.375	65	158401	49.774	ng	97
49) Acenaphthylene	9.692	152	642663	40.828	ng	99
50) Dimethylphthalate	9.557	163	484020	42.905	ng	99
51) 2,6-Dinitrotoluene	9.616	165	109750	45.623	ng	95
52) Acenaphthene	9.863	154	379586	41.031	ng	99
53) 3-Nitroaniline	9.792	138	109082	50.388	ng	92
54) 2,4-Dinitrophenol	9.892	184	54981	55.477	ng	88
55) Dibenzofuran	10.034	168	601495	40.867	ng	98
56) 4-Nitrophenol	9.951	139	81267	47.781	ng	96
57) 2,4-Dinitrotoluene	10.022	165	150642	48.262	ng	97
58) Fluorene	10.381	166	481921	41.766	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	147164m	45.657	ng	
60) Diethylphthalate	10.257	149	484288	43.599	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	241502	42.108	ng	97
62) 4-Nitroaniline	10.410	138	101951m	49.201	ng	
63) Azobenzene	10.534	77	528044	42.924	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	91356	49.740	ng	98
66) n-Nitrosodiphenylamine	10.498	169	419482	39.968	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	157542	41.508	ng	# 92
68) Hexachlorobenzene	10.928	284	172346	40.653	ng	# 90
69) Atrazine	11.028	200	156231	45.092	ng	96
70) Pentachlorophenol	11.122	266	120739	49.681	ng	100
71) Phenanthrene	11.345	178	737915	40.835	ng	99
72) Anthracene	11.398	178	778011	41.307	ng	99
73) Carbazole	11.557	167	678509	43.105	ng	99
74) Di-n-butylphthalate	11.892	149	765802	45.007	ng	100
75) Fluoranthene	12.539	202	821283	43.433	ng	99
77) Benzidine	12.669	184	181292	39.285	ng	98
78) Pyrene	12.769	202	842234	34.007	ng	99
80) Butylbenzylphthalate	13.404	149	310679	49.037	ng	98
81) Benzo(a)anthracene	13.969	228	720646	39.484	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	222623	44.770	ng	96
83) Chrysene	14.010	228	721389	40.203	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	406956	55.211	ng	99
85) Di-n-octyl phthalate	14.586	149	673492	57.465	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	441720	31.064	ng	98
88) Benzo(b)fluoranthene	15.027	252	552445	44.382	ng	98
89) Benzo(k)fluoranthene	15.063	252	579799	44.031	ng	99
90) Benzo(a)pyrene	15.404	252	486595	41.540	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	363129	31.870	ng	99
92) Benzo(g,h,i)perylene	17.421	276	327895	29.321	ng	98

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

