

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140113.D
 Acq On : 29 Oct 2024 16:01
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Oct 29 16:37:26 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	154336	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	582321	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	326390	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	563401	20.000	ng	0.00
76) Chrysene-d12	14.074	240	296186	20.000	ng	0.02
86) Perylene-d12	15.592	264	329400	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	743996	75.466	ng	0.00
7) Phenol-d6	6.516	99	948872	74.313	ng	0.00
23) Nitrobenzene-d5	7.457	82	891222	84.824	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	267663	87.674	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1552720	78.623	ng	0.00
79) Terphenyl-d14	12.998	244	1431872	78.775	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	162943	35.449	ng	98
3) Pyridine	3.440	79	421889	37.029	ng	99
4) n-Nitrosodimethylamine	3.399	42	223333	36.484	ng	99
6) Aniline	6.557	93	445056	37.400	ng	99
8) 2-Chlorophenol	6.675	128	384327	38.133	ng	99
9) Benzaldehyde	6.439	77	300771	41.873	ng	99
10) Phenol	6.528	94	495266m	37.623	ng	
11) bis(2-Chloroethyl)ether	6.628	93	390779	38.407	ng	100
12) 1,3-Dichlorobenzene	6.834	146	456471	39.455	ng	100
13) 1,4-Dichlorobenzene	6.910	146	457203	39.556	ng	99
14) 1,2-Dichlorobenzene	7.063	146	421208	39.046	ng	99
15) Benzyl Alcohol	7.028	79	367803	39.269	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	642999	37.062	ng	98
17) 2-Methylphenol	7.134	107	329484	38.339	ng	98
18) Hexachloroethane	7.404	117	168286	40.829	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	292090	37.718	ng	98
20) 3+4-Methylphenols	7.292	107	406879	37.015	ng	# 83
22) Acetophenone	7.298	105	547054	38.355	ng	98
24) Nitrobenzene	7.475	77	467909	40.619	ng	100
25) Isophorone	7.710	82	792075	39.719	ng	99
26) 2-Nitrophenol	7.786	139	210871	48.523	ng	98
27) 2,4-Dimethylphenol	7.816	122	271833	37.513	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	475498	39.356	ng	100
29) 2,4-Dichlorophenol	8.028	162	327963	39.735	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	367887	40.281	ng	99
31) Naphthalene	8.192	128	1175766	39.150	ng	100
32) Benzoic acid	7.939	122	270416	42.786	ng	99
33) 4-Chloroaniline	8.239	127	382919	37.392	ng	99
34) Hexachlorobutadiene	8.310	225	241270	42.045	ng	99
35) Caprolactam	8.616	113	105823	40.322	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	370459	40.534	ng	99
37) 2-Methylnaphthalene	8.886	142	728121	39.586	ng	99
38) 1-Methylnaphthalene	8.981	142	707632	39.213	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	360611	40.953	ng	99
41) Hexachlorocyclopentadiene	9.033	237	124083	40.499	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	245975	39.456	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	271707	42.243	ng	99
46) 1,1'-Biphenyl	9.351	154	895579	39.415	ng	99
47) 2-Chloronaphthalene	9.375	162	720392	39.365	ng	99
48) 2-Nitroaniline	9.469	65	248826	44.457	ng	95
49) Acenaphthylene	9.792	152	1043630	39.447	ng	100
50) Dimethylphthalate	9.651	163	824802	40.570	ng	100
51) 2,6-Dinitrotoluene	9.710	165	193043	43.855	ng	99
52) Acenaphthene	9.963	154	701432	40.984	ng	99
53) 3-Nitroaniline	9.880	138	190432	41.951	ng	96
54) 2,4-Dinitrophenol	9.980	184	103525	58.514	ng	# 1
55) Dibenzofuran	10.133	168	966386	39.355	ng	99
56) 4-Nitrophenol	10.028	139	143961	41.221	ng	97
57) 2,4-Dinitrotoluene	10.110	165	253696	46.867	ng	100
58) Fluorene	10.475	166	745319	39.850	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	210025	41.653	ng	98
60) Diethylphthalate	10.345	149	822514	41.206	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	386070	40.876	ng	99
62) 4-Nitroaniline	10.492	138	186065	43.399	ng	98
63) Azobenzene	10.627	77	827895	39.122	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	140612	61.186	ng	94
66) n-Nitrosodiphenylamine	10.586	169	669526	39.705	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	247494	42.641	ng	99
68) Hexachlorobenzene	11.022	284	272750	41.784	ng	99
69) Atrazine	11.110	200	181908	39.824	ng	99
70) Pentachlorophenol	11.216	266	174262	43.987	ng	99
71) Phenanthrene	11.439	178	1027169	38.597	ng	100
72) Anthracene	11.492	178	1016521	39.149	ng	100
73) Carbazole	11.645	167	900780	37.302	ng	99
74) Di-n-butylphthalate	11.974	149	1152766	41.318	ng	100
75) Fluoranthene	12.627	202	1012672	37.641	ng	100
77) Benzidine	12.751	184	313360	64.341	ng	99
78) Pyrene	12.857	202	994568	38.362	ng	100
80) Butylbenzylphthalate	13.474	149	361607	46.523	ng	100
81) Benzo(a)anthracene	14.063	228	764088	39.630	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	262064	46.617	ng	99
83) Chrysene	14.098	228	700836	39.644	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	463194	53.115	ng	99
85) Di-n-octyl phthalate	14.698	149	784324	49.448	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	854097	40.304	ng	98
88) Benzo(b)fluoranthene	15.151	252	767024	38.226	ng	99
89) Benzo(k)fluoranthene	15.186	252	672813	38.880	ng	100
90) Benzo(a)pyrene	15.527	252	653063	39.554	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	705262	39.895	ng	98
92) Benzo(g,h,i)perylene	17.568	276	718764	40.704	ng	98

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

