

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138278.D
 Acq On : 21 Jun 2024 11:21
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/24/2024

Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 12:07:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 13 01:52:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	270165	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1069834	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	606475	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1066234	20.000	ng	0.00
76) Chrysene-d12	14.045	240	538512	20.000	ng	0.00
86) Perylene-d12	15.515	264	576248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1234544	76.441	ng	0.00
7) Phenol-d6	6.516	99	1538078	75.105	ng	0.00
23) Nitrobenzene-d5	7.451	82	1422708	77.418	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	499415	82.718	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2683313	70.355	ng	0.00
79) Terphenyl-d14	12.992	244	2857653	84.047	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	270423	36.589	ng	98
3) Pyridine	3.410	79	663626	37.779	ng	98
4) n-Nitrosodimethylamine	3.375	42	285876	35.165	ng	92
6) Aniline	6.551	93	776213	38.737	ng	98
8) 2-Chlorophenol	6.669	128	674885	38.652	ng	96
9) Benzaldehyde	6.439	77	436144	40.098	ng	97
10) Phenol	6.528	94	807858m	38.872	ng	
11) bis(2-Chloroethyl)ether	6.622	93	639853	38.468	ng	98
12) 1,3-Dichlorobenzene	6.827	146	752833	37.939	ng	98
13) 1,4-Dichlorobenzene	6.904	146	756829	37.900	ng	99
14) 1,2-Dichlorobenzene	7.057	146	709561	37.851	ng	99
15) Benzyl Alcohol	7.027	79	548554	39.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	865444	36.867	ng	96
17) 2-Methylphenol	7.133	107	537326	39.005	ng	99
18) Hexachloroethane	7.398	117	272082	40.218	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	459245	37.832	ng	99
20) 3+4-Methylphenols	7.292	107	657360	37.912	ng	91
22) Acetophenone	7.298	105	880910	36.045	ng	# 97
24) Nitrobenzene	7.469	77	719141	37.863	ng	96
25) Isophorone	7.704	82	1274190	38.333	ng	98
26) 2-Nitrophenol	7.780	139	377266	49.397	ng	94
27) 2,4-Dimethylphenol	7.816	122	443343	38.155	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	806615	38.765	ng	100
29) 2,4-Dichlorophenol	8.022	162	585820	39.160	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	666987	37.807	ng	98
31) Naphthalene	8.192	128	1971690	37.272	ng	99
32) Benzoic acid	7.939	122	481145	46.983	ng	98
33) 4-Chloroaniline	8.239	127	759145	38.395	ng	98
34) Hexachlorobutadiene	8.304	225	399648	38.733	ng	99
35) Caprolactam	8.616	113	187814	41.586	ng	88
36) 4-Chloro-3-methylphenol	8.716	107	602445	40.447	ng	97
37) 2-Methylnaphthalene	8.880	142	1317419	37.946	ng	99
38) 1-Methylnaphthalene	8.980	142	1300726	38.232	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	658824	37.175	ng	100
41) Hexachlorocyclopentadiene	9.033	237	248121	42.937	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	434728	39.176	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	488101	40.053	ng	97
46) 1,1'-Biphenyl	9.345	154	1627018	36.560	ng	98
47) 2-Chloronaphthalene	9.369	162	1295421	36.833	ng	100
48) 2-Nitroaniline	9.463	65	359025	42.388	ng	97
49) Acenaphthylene	9.786	152	1827294	37.052	ng	99
50) Dimethylphthalate	9.645	163	1477518	39.762	ng	100
51) 2,6-Dinitrotoluene	9.710	165	353705	43.877	ng	# 82
52) Acenaphthene	9.957	154	1268606	37.723	ng	99
53) 3-Nitroaniline	9.874	138	356901	41.443	ng	98
54) 2,4-Dinitrophenol	9.980	184	171716	49.693	ng	# 85
55) Dibenzofuran	10.127	168	1753647	37.302	ng	100
56) 4-Nitrophenol	10.027	139	303085	44.535	ng	97
57) 2,4-Dinitrotoluene	10.110	165	467907	47.060	ng	99
58) Fluorene	10.468	166	1358336	36.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	389599	40.908	ng	99
60) Diethylphthalate	10.345	149	1444661	40.963	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	714534	38.814	ng	99
62) 4-Nitroaniline	10.492	138	349418	40.609	ng	94
63) Azobenzene	10.621	77	1340231	37.932	ng	98
65) 4,6-Dinitro-2-methylph...	10.515	198	249044	46.150	ng	83
66) n-Nitrosodiphenylamine	10.580	169	1210045	37.069	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	471840	39.272	ng	# 92
68) Hexachlorobenzene	11.015	284	539746	38.495	ng	99
69) Atrazine	11.110	200	346133	37.228	ng	96
70) Pentachlorophenol	11.210	266	332763	40.694	ng	98
71) Phenanthrene	11.433	178	1918885	36.391	ng	99
72) Anthracene	11.486	178	1911000	36.503	ng	100
73) Carbazole	11.639	167	1707403	35.558	ng	99
74) Di-n-butylphthalate	11.968	149	2105307	42.352	ng	99
75) Fluoranthene	12.621	202	1918825	35.687	ng	99
77) Benzidine	12.739	184	398841	64.032	ng	99
78) Pyrene	12.851	202	1922081	41.380	ng	99
80) Butylbenzylphthalate	13.468	149	660536	52.279	ng	97
81) Benzo(a)anthracene	14.033	228	1306725	37.823	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	435656	45.792	ng	100
83) Chrysene	14.068	228	1250736	37.981	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	828015	56.347	ng	97
85) Di-n-octyl phthalate	14.639	149	1324215	60.658	ng	99
87) Indeno(1,2,3-cd)pyrene	16.997	276	1569655	41.784	ng	100
88) Benzo(b)fluoranthene	15.086	252	1263865	37.192	ng	100
89) Benzo(k)fluoranthene	15.115	252	1205203	36.189	ng	100
90) Benzo(a)pyrene	15.450	252	1119018	38.331	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	1296667	42.053	ng	99
92) Benzo(g,h,i)perylene	17.450	276	1314538	41.210	ng	98

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

