

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140152.D
 Acq On : 30 Oct 2024 12:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

11/04/2024

Supervised By :mohammad
 ahmed

Quant Time: Oct 31 18:55:28 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	6.887	152	120224	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	456321	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	257889	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	475664	20.000	ng	0.00
76) Chrysene-d12	14.068	240	284421	20.000	ng	0.02
86) Perylene-d12	15.574	264	273128	20.000	ng	0.05

11/04/2024

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	601681	78.347	ng	0.00
7) Phenol-d6	6.510	99	776052	78.024	ng	0.00
23) Nitrobenzene-d5	7.445	82	735942	89.386	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	216646	89.812	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1300634	83.352	ng	0.00
79) Terphenyl-d14	13.004	244	1410500	80.809	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.657	88	131208	36.644	ng 99
3) Pyridine	3.422	79	308915	34.806	ng 97
4) n-Nitrosodimethylamine	3.375	42	188116	39.450	ng 93
6) Aniline	6.551	93	299398	32.298	ng 99
8) 2-Chlorophenol	6.669	128	308493	39.294	ng 97
9) Benzaldehyde	6.434	77	227697	40.694	ng 100
10) Phenol	6.522	94	403317m	39.332	ng
11) bis(2-Chloroethyl)ether	6.622	93	312442	39.421	ng 99
12) 1,3-Dichlorobenzene	6.828	146	367670	40.797	ng 99
13) 1,4-Dichlorobenzene	6.904	146	372514	41.373	ng 98
14) 1,2-Dichlorobenzene	7.057	146	340237	40.489	ng 100
15) Benzyl Alcohol	7.022	79	296426	40.628	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	540036	39.960	ng 99
17) 2-Methylphenol	7.128	107	266814	39.856	ng 98
18) Hexachloroethane	7.398	117	137503	42.826	ng 97
19) n-Nitroso-di-n-propyla...	7.298	70	237245	39.328	ng 99
20) 3+4-Methylphenols	7.287	107	334749	39.094	ng # 78
22) Acetophenone	7.292	105	449816	40.246	ng 98
24) Nitrobenzene	7.469	77	385924	42.752	ng 99
25) Isophorone	7.704	82	637455	40.792	ng 100
26) 2-Nitrophenol	7.781	139	169045	49.639	ng 99
27) 2,4-Dimethylphenol	7.810	122	221945	39.085	ng 98
28) bis(2-Chloroethoxy)met...	7.910	93	385428	40.709	ng 99
29) 2,4-Dichlorophenol	8.016	162	267580	41.371	ng 100
30) 1,2,4-Trichlorobenzene	8.104	180	300204	41.947	ng 99
31) Naphthalene	8.187	128	956891	40.659	ng 100
32) Benzoic acid	7.922	122	225621	45.555	ng 99
33) 4-Chloroaniline	8.234	127	286311	35.678	ng 100
34) Hexachlorobutadiene	8.304	225	196627	43.727	ng 99
35) Caprolactam	8.610	113	89258	43.401	ng 98
36) 4-Chloro-3-methylphenol	8.710	107	297801	41.582	ng 100
37) 2-Methylnaphthalene	8.875	142	595900	41.344	ng 100
38) 1-Methylnaphthalene	8.975	142	586201	41.454	ng 100
40) 1,2,4,5-Tetrachloroben...	9.045	216	294617	42.346	ng 99
41) Hexachlorocyclopentadiene	9.028	237	106481	43.985	ng 98
43) 2,4,6-Trichlorophenol	9.151	196	211316	42.900	ng 98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140152.D
 Acq On : 30 Oct 2024 12:50
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh
Patel

11/04/2024

Supervised By :mohammad
ahmed

Quant Time: Oct 31 18:55:28 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)
44) 2,4,5-Trichlorophenol	9.192	196	212347	41.784	ng	99
46) 1,1'-Biphenyl	9.345	154	736346	41.016	ng	99
47) 2-Chloronaphthalene	9.369	162	593254	41.029	ng	99
48) 2-Nitroaniline	9.463	65	211430	47.810	ng	99
49) Acenaphthylene	9.786	152	863599	41.312	ng	100
50) Dimethylphthalate	9.645	163	677276	42.163	ng	100
51) 2,6-Dinitrotoluene	9.710	165	158208	45.488	ng	100
52) Acenaphthene	9.963	154	576232	42.612	ng	99
53) 3-Nitroaniline	9.875	138	158634	44.228	ng	98
54) 2,4-Dinitrophenol	9.981	184	88638	62.862	ng	# 1
55) Dibenzofuran	10.133	168	795628	41.008	ng	100
56) 4-Nitrophenol	10.028	139	130378	47.248	ng	94
57) 2,4-Dinitrotoluene	10.110	165	212894	49.776	ng	97
58) Fluorene	10.475	166	615715	41.665	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	172223	43.229	ng	99
60) Diethylphthalate	10.345	149	678254	43.004	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	315432	42.268	ng	100
62) 4-Nitroaniline	10.492	138	164808	48.652	ng	95
63) Azobenzene	10.628	77	691963	41.384	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	121218	62.477	ng	96
66) n-Nitrosodiphenylamine	10.586	169	556763	39.108	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	199874	40.789	ng	99
68) Hexachlorobenzene	11.028	284	224862	40.802	ng	98
69) Atrazine	11.110	200	159952	41.476	ng	99
70) Pentachlorophenol	11.216	266	152752	45.669	ng	100
71) Phenanthrene	11.439	178	901799	40.136	ng	100
72) Anthracene	11.492	178	878673	40.082	ng	100
73) Carbazole	11.645	167	832243	40.820	ng	99
74) Di-n-butylphthalate	11.975	149	1028309	43.656	ng	100
75) Fluoranthene	12.633	202	954721	42.033	ng	99
77) Benzidine	12.751	184	204648	43.758	ng	97
78) Pyrene	12.863	202	965481	38.780	ng	100
80) Butylbenzylphthalate	13.480	149	381375	51.095	ng	99
81) Benzo(a)anthracene	14.057	228	725710	39.196	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	238192	44.123	ng	99
83) Chrysene	14.098	228	716337	42.197	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	498081	59.478	ng	99
85) Di-n-octyl phthalate	14.686	149	782075	51.345	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	724583	41.237	ng	98
88) Benzo(b)fluoranthene	15.139	252	644608	38.744	ng	100
89) Benzo(k)fluoranthene	15.168	252	648199	45.175	ng	99
90) Benzo(a)pyrene	15.515	252	572376	41.809	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	595818	40.648	ng	98
92) Benzo(g,h,i)perylene	17.557	276	605616	41.363	ng	99

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

