

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122921\
 Data File : BF126399.D
 Acq On : 29 Dec 2021 17:17
 Operator : JU/CG
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 30 03:52:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 03:51:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	186565	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	783101	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	355806	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	566270	20.000	ng	0.00
76) Chrysene-d12	13.957	240	383873	20.000	ng	0.00
86) Perylene-d12	15.398	264	317414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	145205	14.765	ng	0.00
7) Phenol-d6	6.416	99	190510	14.984	ng	-0.01
23) Nitrobenzene-d5	7.351	82	161889	14.192	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	28271	13.750	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	242361	16.361	ng	0.00
79) Terphenyl-d14	12.904	244	210078	13.953	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	32213	6.549	ng	99
3) Pyridine	3.246	79	79758m	5.987	ng	
4) n-Nitrosodimethylamine	3.163	42	35034	6.438	ng	90
6) Aniline	6.451	93	112437	7.167	ng	97
8) 2-Chlorophenol	6.575	128	71423	7.328	ng	98
9) Benzaldehyde	6.340	77	62150	7.881	ng	100
10) Phenol	6.428	94	107647	7.636	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	78832	7.274	ng	94
12) 1,3-Dichlorobenzene	6.734	146	72958	7.483	ng	99
13) 1,4-Dichlorobenzene	6.810	146	73287	7.545	ng	98
14) 1,2-Dichlorobenzene	6.963	146	70213	7.781	ng	99
15) Benzyl Alcohol	6.934	79	63946	7.331	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	120812	7.090	ng	98
17) 2-Methylphenol	7.045	107	61893	7.179	ng	98
18) Hexachloroethane	7.310	117	27389	7.181	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	53358	7.327	ng	92
22) Acetophenone	7.198	105	107150	7.716	ng	# 98
24) Nitrobenzene	7.369	77	79042	6.881	ng	98
25) Isophorone	7.610	82	139346	6.708	ng	98
26) 2-Nitrophenol	7.692	139	32274	6.456	ng	100
27) 2,4-Dimethylphenol	7.728	122	55300	6.858	ng	94
28) bis(2-Chloroethoxy)met...	7.828	93	95414	7.059	ng	99
29) 2,4-Dichlorophenol	7.934	162	50743	6.949	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	54377	7.151	ng	96
31) Naphthalene	8.098	128	212449	7.596	ng	99
33) 4-Chloroaniline	8.145	127	83159	7.139	ng	99
34) Hexachlorobutadiene	8.222	225	26696	7.301	ng	98
35) Caprolactam	8.475	113	11222	6.062	ng	90
36) 4-Chloro-3-methylphenol	8.622	107	61813	6.917	ng	96
37) 2-Methylnaphthalene	8.792	142	123831	7.504	ng	97
38) 1-Methylnaphthalene	8.892	142	120437	7.562	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	43334	7.358	ng	98
41) Hexachlorocyclopentadiene	8.945	237	11002	5.031	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	29504	6.924	ng	99
44) 2,4,5-Trichlorophenol	9.104	196	32219	6.947	ng	96
46) 1,1'-Biphenyl	9.257	154	152690	7.760	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.275	162	113306	7.548	ng	97
48) 2-Nitroaniline	9.369	65	39123	6.629	ng	99
49) Acenaphthylene	9.692	152	170983	7.526	ng	99
50) Dimethylphthalate	9.551	163	123049	7.289	ng	100
51) 2,6-Dinitrotoluene	9.610	165	24959	7.044	ng	93
52) Acenaphthene	9.863	154	109782m	7.374	ng	
53) 3-Nitroaniline	9.775	138	33524	6.808	ng	99
55) Dibenzofuran	10.039	168	156867	7.859	ng	98
56) 4-Nitrophenol	9.939	139	19421	5.640	ng	95
57) 2,4-Dinitrotoluene	10.016	165	31012	6.861	ng	# 89
58) Fluorene	10.380	166	116663	8.121	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	23210	7.072	ng	97
60) Diethylphthalate	10.251	149	122870	7.611	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	49360	7.852	ng	91
62) 4-Nitroaniline	10.386	138	31320	6.749	ng	91
63) Azobenzene	10.533	77	156630	7.565	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	10091	4.696	ng	86
66) n-Nitrosodiphenylamine	10.486	169	99761	7.443	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	26892	7.075	ng	96
68) Hexachlorobenzene	10.927	284	31945	7.284	ng	97
69) Atrazine	11.016	200	17629	7.965	ng	100
71) Phenanthrene	11.339	178	169226	7.685	ng	99
72) Anthracene	11.392	178	167211	7.601	ng	98
73) Carbazole	11.545	167	165566	7.698	ng	100
74) Di-n-butylphthalate	11.886	149	184320	7.658	ng	98
75) Fluoranthene	12.527	202	154276	7.724	ng	97
77) Benzidine	12.651	184	54859	11.306	ng	99
78) Pyrene	12.757	202	160833	6.567	ng	99
80) Butylbenzylphthalate	13.380	149	68922	6.473	ng	97
81) Benzo(a)anthracene	13.945	228	116985	6.990	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	54839	7.237	ng	95
83) Chrysene	13.980	228	120098	7.054	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	80811	7.300	ng	99
85) Di-n-octyl phthalate	14.557	149	122964	6.441	ng	100
87) Indeno(1,2,3-cd)pyrene	16.809	276	93330	5.859	ng	99
88) Benzo(b)fluoranthene	14.980	252	102206	7.052	ng	97
89) Benzo(k)fluoranthene	15.004	252	99808	7.240	ng	98
90) Benzo(a)pyrene	15.333	252	78470	6.486	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	79533	6.247	ng	98
92) Benzo(g,h,i)perylene	17.227	276	76491	5.571	ng	95

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

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TIC: BF126399.D\data.ms

Abundance

Time-->

1,4-Dioxane
n-Propylamine,
N-propylmethanamine,
N-propylamine
2-Fluorophenol,S
Benzaldehyde
Phenol-d6,S
1,3-Dichlorobenzene,C
1,4-Dichlorobenzene-d4,I
2,2'-oxybis(1-chloroethanol)
Hexachlorocyclopentadiene
Nitrobenzene-d5,S
2-Nitrophenol
Sulfonamides
2,4-Dinitrochlorobenzene
Hexachlorobutadiene,C
Caprolactam
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,d
2,4,5-Trichlorophthalic acid
2-Nitroaniline
2-Chloro-3-naphthol
2,6-Dinitrotoluene
Acenaphthylene
Acenaphthene
4-Methylphenol
2,3,4,6-Tetrachlorophthalate
4,6-Dinitro-2-methylphenol
2,4,6-Trinitrophenol
Altrazine
Hexachlorobenzene
Anthracene
Carbazole
Di-n-butylphthalate
Fluoranthene,C
Pyrene
Terphenyl-d14,S
Butylbenzylphthalate
2,3-Dichlorobenzidine
Chrysene
Di-n-octyl phthalate,c
Benzo(b)fluorene
Benzo(a)anthracene
Benzo(g,h,i)perylene
Perylene-d12,I
Dibenz(a,h)anthracene
Benzo(k)fluorene
Benzo(a)pyrene,C