

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121820\
 Data File : BF122785.D
 Acq On : 18 Dec 2020 14:39
 Operator : JU/CG
 Sample : PB133685BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133685BS

Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:42:28 AM

Quant Time: Dec 18 15:28:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	183971	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	691826	20.00	ng	0.00
39) Acenaphthene-d10	9.862	164	373623	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	683433	20.00	ng	0.00
76) Chrysene-d12	13.992	240	540785	20.00	ng	0.00
86) Perylene-d12	15.439	264	514826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1282774	110.39	ng	0.02
7) Phenol-d6	6.463	99	1648711	106.98	ng	0.00
23) Nitrobenzene-d5	7.386	82	935129	67.72	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	547731	112.00	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1823515	66.01	ng	0.00
79) Terphenyl-d14	12.933	244	1993613	64.53	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	229013	41.93	ng	97
3) Pyridine	3.433	79	621299	43.04	ng	98
4) n-Nitrosodimethylamine	3.398	42	246615	42.60	ng	98
6) Aniline	6.486	93	550035	30.32	ng	99
8) 2-Chlorophenol	6.610	128	547201	42.72	ng	97
9) Benzaldehyde	6.369	77	137146	14.70	ng	97
10) Phenol	6.474	94	647143	40.52	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	531130	43.53	ng	100
12) 1,3-Dichlorobenzene	6.757	146	620370	40.93	ng	98
13) 1,4-Dichlorobenzene	6.833	146	628886	41.15	ng	98
14) 1,2-Dichlorobenzene	6.992	146	569224	38.59	ng	100
15) Benzyl Alcohol	6.969	79	430110	40.53	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	668303	38.41	ng	98
17) 2-Methylphenol	7.080	107	464964	45.67	ng	98
18) Hexachloroethane	7.327	117	225209	41.35	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	367822	41.67	ng	99
20) 3+4-Methylphenols	7.233	107	529251	41.15	ng	98
22) Acetophenone	7.233	105	710547	41.31	ng	# 96
24) Nitrobenzene	7.404	77	577265	42.02	ng	100
25) Isophorone	7.645	82	1055234	44.37	ng	99
26) 2-Nitrophenol	7.721	139	313540	46.80	ng	93
27) 2,4-Dimethylphenol	7.763	122	524086	53.37	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	679761	41.74	ng	99
29) 2,4-Dichlorophenol	7.963	162	494670	43.14	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	530764	40.85	ng	99
31) Naphthalene	8.127	128	1620760	42.45	ng	99
32) Benzoic acid	7.910	122	330409	42.23	ng	98
33) 4-Chloroaniline	8.174	127	424566	26.60	ng	99
34) Hexachlorobutadiene	8.245	225	311748	38.98	ng	99
35) Caprolactam	8.557	113	149017m	43.15	ng	
36) 4-Chloro-3-methylphenol	8.668	107	508600	45.03	ng	98
37) 2-Methylnaphthalene	8.815	142	1100635	43.58	ng	99
38) 1-Methylnaphthalene	8.915	142	1012343	42.38	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	508204	41.07	ng	99
41) Hexachlorocyclopentadiene	8.974	237	489856	89.53	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	341360	39.94	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	365148	41.33	ng	99
46) 1,1'-Biphenyl	9.280	154	1295344	41.77	ng	98
47) 2-Chloronaphthalene	9.310	162	1021073	39.74	ng	98
48) 2-Nitroaniline	9.404	65	297755	39.75	ng	95
49) Acenaphthylene	9.721	152	1570181	41.38	ng	100
50) Dimethylphthalate	9.586	163	1236138	41.43	ng	99
51) 2,6-Dinitrotoluene	9.651	165	283211	44.94	ng	94
52) Acenaphthene	9.898	154	1113062m	45.34	ng	
53) 3-Nitroaniline	9.815	138	194943	26.77	ng	96
54) 2,4-Dinitrophenol	9.933	184	306058	99.33	ng	# 89
55) Dibenzofuran	10.068	168	1410929	40.85	ng	99
56) 4-Nitrophenol	9.992	139	398594	76.76	ng	94
57) 2,4-Dinitrotoluene	10.057	165	367318	43.76	ng	96
58) Fluorene	10.409	166	1079382	39.30	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	319175	41.12	ng	98
60) Diethylphthalate	10.286	149	1187156	40.90	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	535623	39.60	ng	99
62) 4-Nitroaniline	10.439	138	279855	37.86	ng	93
63) Azobenzene	10.562	77	1082750	40.59	ng	96
65) 4,6-Dinitro-2-methylph...	10.468	198	205313	49.27	ng	91
66) n-Nitrosodiphenylamine	10.521	169	1007350	41.71	ng	100
67) 4-Bromophenyl-phenylether	10.892	248	376492	40.65	ng	92
68) Hexachlorobenzene	10.962	284	412375	40.28	ng	# 92
69) Atrazine	11.051	200	283973	36.21	ng	98
70) Pentachlorophenol	11.156	266	438438	80.83	ng	99
71) Phenanthrene	11.374	178	1614374	39.75	ng	99
72) Anthracene	11.427	178	1676321	41.62	ng	99
73) Carbazole	11.580	167	1488427	40.75	ng	99
74) Di-n-butylphthalate	11.904	149	1786384	38.92	ng	100
75) Fluoranthene	12.562	202	1693257	39.75	ng	99
77) Benzidine	12.680	184	696491	59.54	ng	99
78) Pyrene	12.792	202	1702568	40.72	ng	99
80) Butylbenzylphthalate	13.403	149	743655	39.49	ng	100
81) Benzo(a)anthracene	13.980	228	1498352	41.46	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	451221	34.86	ng	99
83) Chrysene	14.015	228	1488346	41.38	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	1008538	39.11	ng	100
85) Di-n-octyl phthalate	14.574	149	1709151	39.95	ng	98
87) Indeno(1,2,3-cd)pyrene	16.891	276	1408287	41.67	ng	99
88) Benzo(b)fluoranthene	15.027	252	1577012	43.66	ng	99
89) Benzo(k)fluoranthene	15.056	252	1413834	42.81	ng	99
90) Benzo(a)pyrene	15.386	252	1324656	41.92	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	1176850	42.55	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1137870	42.51	ng	99

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

mohammad
12/21/2020 10:42:28 AM

Abundance

TIC: BF122785.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodiphenylamine,
Benzaldehyde
Aniline
bis(2-Chloromethyl)ether
1,4-Dichlorobenzene-d4
2,2'-oxybis(1-chloropropane)
Hexachlorocyclopentadiene
Nitrobenzene-d5,S
2-Nitrophthalic anhydride
Benzoic acid
bis(2-Chloro-6-isopropylphenyl) ether
4-Chloroaniline
Caprolactam
4-Chloro-3-methylphenol, C
2,4,5-Trichlorophenol
2-Nitroaniline
2,6-Dinitrotoluene
3-Nitroaniline
2,4-Dinitrophenol, P
4-Aminodiphenylmethanol
4-Nitrodiphenylmethanol
Atrazine
Phenanthrene-d10
Pentachlorophenol, C
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene, C
Pyrene
Terphenyl-d14,S
Butylbenzylphthalate
Chrysene
2,3-Dibromobenzidine
Di-n-octyl phthalate, c
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(a)pyrene, C
Perylene-d12,I
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene