

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121120\
 Data File : BF122660.D
 Acq On : 11 Dec 2020 13:00
 Operator : JU/CG
 Sample : PB133535BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133535BS

Quant Time: Dec 11 15:32:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	170584	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	638980	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	343346	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	636198	20.00	ng	0.00
76) Chrysene-d12	14.010	240	525017	20.00	ng	0.00
86) Perylene-d12	15.468	264	502009	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1233854	114.51	ng	0.02
7) Phenol-d6	6.481	99	1596947	111.75	ng	0.00
23) Nitrobenzene-d5	7.404	82	885319	69.42	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	506650	112.73	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1686983	66.46	ng	0.00
79) Terphenyl-d14	12.951	244	1940636	64.70	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	216043	42.66	ng	99
3) Pyridine	3.463	79	581172	43.42	ng	99
4) n-Nitrosodimethylamine	3.422	42	230831	43.00	ng	97
6) Aniline	6.504	93	530210	31.52	ng	99
8) 2-Chlorophenol	6.628	128	522349	43.98	ng	99
9) Benzaldehyde	6.387	77	69520	8.04	ng	99
10) Phenol	6.493	94	627511	42.38	ng	97
11) bis(2-Chloroethyl)ether	6.581	93	489001	43.23	ng	99
12) 1,3-Dichlorobenzene	6.781	146	581514	41.38	ng	98
13) 1,4-Dichlorobenzene	6.857	146	591454	41.74	ng	98
14) 1,2-Dichlorobenzene	7.010	146	549915	40.21	ng	98
15) Benzyl Alcohol	6.987	79	422989	42.99	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	627150	38.88	ng	98
17) 2-Methylphenol	7.098	107	436322	46.22	ng	98
18) Hexachloroethane	7.351	117	208529	41.30	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	345970	42.27	ng	97
20) 3+4-Methylphenols	7.251	107	504635	42.31	ng	94
22) Acetophenone	7.251	105	677649	42.65	ng	# 95
24) Nitrobenzene	7.428	77	542535	42.76	ng	96
25) Isophorone	7.663	82	976120	44.44	ng	100
26) 2-Nitrophenol	7.740	139	285118	46.08	ng	96
27) 2,4-Dimethylphenol	7.781	122	469184	51.73	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	617977	41.08	ng	100
29) 2,4-Dichlorophenol	7.987	162	462068	43.63	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	490897	40.91	ng	99
31) Naphthalene	8.151	128	1518425	43.06	ng	100
32) Benzoic acid	7.922	122	286702	39.67	ng	97
33) 4-Chloroaniline	8.192	127	383582	26.02	ng	99
34) Hexachlorobutadiene	8.263	225	288915	39.12	ng	99
35) Caprolactam	8.575	113	139594m	43.76	ng	
36) 4-Chloro-3-methylphenol	8.687	107	480253	46.03	ng	100
37) 2-Methylnaphthalene	8.839	142	1011539	43.37	ng	99
38) 1-Methylnaphthalene	8.939	142	939952	42.60	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	469635	41.30	ng	99
41) Hexachlorocyclopentadiene	8.992	237	481938	95.85	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	328048	41.77	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	340576	41.95	ng	95
46) 1,1'-Biphenyl	9.304	154	1203948	42.25	ng	99
47) 2-Chloronaphthalene	9.328	162	958980	40.62	ng	99
48) 2-Nitroaniline	9.428	65	278447	40.45	ng	98
49) Acenaphthylene	9.745	152	1488008	42.67	ng	100
50) Dimethylphthalate	9.610	163	1142187	41.65	ng	100
51) 2,6-Dinitrotoluene	9.669	165	259570	44.82	ng	99
52) Acenaphthene	9.916	154	1023949m	45.39	ng	
53) 3-Nitroaniline	9.834	138	180713	27.00	ng	93
54) 2,4-Dinitrophenol	9.951	184	252215	89.08	ng	# 87
55) Dibenzofuran	10.086	168	1342564	42.30	ng	100
56) 4-Nitrophenol	10.004	139	383809	80.44	ng	90
57) 2,4-Dinitrotoluene	10.075	165	343890	44.58	ng	95
58) Fluorene	10.433	166	1032108	40.89	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	296362	41.55	ng	98
60) Diethylphthalate	10.304	149	1071400	40.17	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	497090	40.00	ng	97
62) 4-Nitroaniline	10.451	138	262927	38.71	ng	97
63) Azobenzene	10.581	77	1004600	40.98	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	179901	46.37	ng	89
66) n-Nitrosodiphenylamine	10.539	169	933052	41.51	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	344734	39.99	ng	97
68) Hexachlorobenzene	10.980	284	379723	39.84	ng	97
69) Atrazine	11.069	200	263896	36.15	ng	99
70) Pentachlorophenol	11.175	266	421246	83.43	ng	100
71) Phenanthrene	11.392	178	1541664	40.78	ng	100
72) Anthracene	11.445	178	1586551	42.32	ng	100
73) Carbazole	11.598	167	1441910	42.41	ng	100
74) Di-n-butylphthalate	11.927	149	1629548	38.14	ng	99
75) Fluoranthene	12.580	202	1632880	41.18	ng	99
77) Benzidine	12.704	184	630919	55.56	ng	100
78) Pyrene	12.810	202	1653181	40.73	ng	100
80) Butylbenzylphthalate	13.427	149	700370	38.31	ng	96
81) Benzo(a)anthracene	13.998	228	1474522	42.02	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	402582	32.04	ng	# 98
83) Chrysene	14.039	228	1469299	42.08	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	934884	37.34	ng	99
85) Di-n-octyl phthalate	14.598	149	1605341	38.65	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1355712	41.14	ng	99
88) Benzo(b)fluoranthene	15.051	252	1547744	43.94	ng	98
89) Benzo(k)fluoranthene	15.080	252	1359705	42.22	ng	99
90) Benzo(a)pyrene	15.410	252	1285587	41.72	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1116706	41.41	ng	99
92) Benzo(g,h,i)perylene	17.374	276	1112078	42.61	ng	99

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

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