

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082120\
 Data File : BF121370.D
 Acq On : 21 Aug 2020 16:35
 Operator : JU/CG
 Sample : PB131076BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131076BS

Quant Time: Aug 21 17:40:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158257	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	633705	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	333491	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	634105	20.00	ng	0.00
76) Chrysene-d12	13.85	240	474555	20.00	ng	0.00
86) Perylene-d12	15.26	264	477490	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	920187	95.34	ng	0.02
7) Phenol-d6	6.35	99	1145034	92.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	967897	86.38	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	344454	88.63	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1686508	99.25	ng	0.00
79) Terphenyl-d14	12.80	244	1488502	61.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	164381	37.638	ng	100
3) Pyridine	3.16	79	361561	30.845	ng	100
4) n-Nitrosodimethylamine	3.11	42	182826	38.320	ng	96
6) Aniline	6.36	93	416577	29.281	ng	# 47
8) 2-Chlorophenol	6.49	128	397402	39.396	ng	99
9) Benzaldehyde	6.25	77	239368	34.534	ng	99
10) Phenol	6.36	94	466852	36.137	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	383982	38.593	ng	95
12) 1,3-Dichlorobenzene	6.63	146	416287	36.834	ng	99
13) 1,4-Dichlorobenzene	6.71	146	423259	37.099	ng	100
14) 1,2-Dichlorobenzene	6.87	146	378114	34.801	ng	97
15) Benzyl Alcohol	6.85	79	280012	37.772	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	530211	36.192	ng	84
17) 2-Methylphenol	6.96	107	325708	39.132	ng	98
18) Hexachloroethane	7.20	117	160642	37.815	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	256537	38.715	ng	98
20) 3+4-Methylphenols	7.12	107	384613	47.021	ng	# 86
22) Acetophenone	7.11	105	531489	35.874	ng	98
24) Nitrobenzene	7.29	77	410315	35.929	ng	97
25) Isophorone	7.53	82	770917	37.806	ng	98
26) 2-Nitrophenol	7.60	139	225240	38.457	ng	95
27) 2,4-Dimethylphenol	7.65	122	359191	42.979	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	490487	35.336	ng	99
29) 2,4-Dichlorophenol	7.85	162	335551	36.775	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	365947	35.072	ng	99
31) Naphthalene	8.00	128	1136700	36.041	ng	99
32) Benzoic acid	7.79	122	189357	31.779	ng	98
33) 4-Chloroaniline	8.05	127	345210	24.718	ng	97
34) Hexachlorobutadiene	8.12	225	210035	34.014	ng	98
35) Caprolactam	8.43	113	61702	20.647	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	347213	37.624	ng	96
37) 2-Methylnaphthalene	8.69	142	772575	37.793	ng	99
38) 1-Methylnaphthalene	8.79	142	717173	36.897	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	358143	36.183	ng	99

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41) Hexachlorocyclopentadiene	8.85	237	301009	77.035	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	242197	35.792	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	261127	37.509	ng	97
46) 1,1'-Biphenyl	9.16	154	923830	36.960	ng	99
47) 2-Chloronaphthalene	9.18	162	710035	34.480	ng	98
48) 2-Nitroaniline	9.28	65	225106	34.718	ng	99
49) Acenaphthylene	9.59	152	1124081	36.750	ng	100
50) Dimethylphthalate	9.46	163	857071	35.325	ng	100
51) 2,6-Dinitrotoluene	9.53	165	193019	37.251	ng	97
52) Acenaphthene	9.76	154	653634	35.170	ng	98
53) 3-Nitroaniline	9.69	138	146970	22.674	ng	95
54) 2,4-Dinitrophenol	9.81	184	188183	75.332	ng	96
55) Dibenzofuran	9.94	168	962144	39.956	ng	99
56) 4-Nitrophenol	9.87	139	267332	66.873	ng	96
57) 2,4-Dinitrotoluene	9.93	165	227033	35.915	ng	93
58) Fluorene	10.28	166	720902	40.732	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	214074	35.971	ng	99
60) Diethylphthalate	10.16	149	835393	35.261	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	355611	39.744	ng	98
62) 4-Nitroaniline	10.31	138	211891	31.904	ng	100
63) Azobenzene	10.43	77	786959	35.762	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	139654	41.182	ng	90
66) n-Nitrosodiphenylamine	10.39	169	707488	36.171	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	246312	35.018	ng	96
68) Hexachlorobenzene	10.83	284	276526	34.106	ng	99
69) Atrazine	10.93	200	204322	33.722	ng	99
70) Pentachlorophenol	11.03	266	268724	74.492	ng	98
71) Phenanthrene	11.24	178	1097634	33.446	ng	100
72) Anthracene	11.29	178	1155699	36.569	ng	100
73) Carbazole	11.45	167	1063976	35.277	ng	100
74) Di-n-butylphthalate	11.78	149	1303647	35.844	ng	100
75) Fluoranthene	12.43	202	1206610	33.873	ng	98
77) Benzidine	12.55	184	675999	51.704	ng	99
78) Pyrene	12.66	202	1232316	34.570	ng	99
80) Butylbenzylphthalate	13.27	149	552406	36.064	ng	98
81) Benzo(a)anthracene	13.84	228	982159	33.322	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	308520	27.262	ng	99
83) Chrysene	13.88	228	1036322	34.377	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	656198	36.429	ng	99
85) Di-n-octyl phthalate	14.44	149	1241571	37.245	ng	99
87) Indeno(1,2,3-cd)pyrene	16.63	276	1000464	34.325	ng	100
88) Benzo(b)fluoranthene	14.86	252	1109643	35.972	ng	99
89) Benzo(k)fluoranthene	14.89	252	893031	32.887	ng	100
90) Benzo(a)pyrene	15.20	252	911718	34.206	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	831240	34.783	ng	100
92) Benzo(g,h,i)perylene	17.04	276	837785	35.859	ng	99

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

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

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