

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121150.D
 Acq On : 31 Jul 2020 11:09
 Operator : JU/CG
 Sample : PB130555BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BS

Manual Integrations
 APPROVED

mohammad
 8/3/2020 12:22:50 PM

Quant Time: Jul 31 11:45:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133380	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	501501	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	252115	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	458929	20.00	ng	0.00
76) Chrysene-d12	13.97	240	346125	20.00	ng	0.00
86) Perylene-d12	15.42	264	348070	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	870691	107.02	ng	0.00
7) Phenol-d6	6.45	99	1051485	100.05	ng	0.00
23) Nitrobenzene-d5	7.36	82	671464	77.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	305822	110.82	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1197584	70.92	ng	-0.01
79) Terphenyl-d14	12.92	244	1140699	71.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	135476	36.180	ng	99
3) Pyridine	3.32	79	325258	32.653	ng	98
4) n-Nitrosodimethylamine	3.26	42	160230	37.618	ng	90
6) Aniline	6.46	93	417105	30.404	ng	95
8) 2-Chlorophenol	6.59	128	358223	39.967	ng	99
9) Benzaldehyde	6.35	77	244868	52.036	ng	96
10) Phenol	6.46	94	407601	35.256	ng	# 71
11) bis(2-Chloroethyl)ether	6.53	93	338454	38.199	ng	100
12) 1,3-Dichlorobenzene	6.74	146	367975	37.861	ng	99
13) 1,4-Dichlorobenzene	6.82	146	374046	38.704	ng	99
14) 1,2-Dichlorobenzene	6.97	146	357558	39.108	ng	99
15) Benzyl Alcohol	6.95	79	274089	36.878	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	451738	35.373	ng	93
17) 2-Methylphenol	7.06	107	282326	35.539	ng	97
18) Hexachloroethane	7.31	117	139466	39.871	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	212419	35.544	ng	99
20) 3+4-Methylphenols	7.22	107	322859	31.948	ng	99
22) Acetophenone	7.21	105	443050	39.364	ng	96
24) Nitrobenzene	7.38	77	350555	37.527	ng	98
25) Isophorone	7.62	82	635839	36.759	ng	98
26) 2-Nitrophenol	7.70	139	188538	42.497	ng	98
27) 2,4-Dimethylphenol	7.74	122	299853	41.628	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	407964	38.638	ng	99
29) 2,4-Dichlorophenol	7.95	162	283529	38.520	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	312859	38.311	ng	98
31) Naphthalene	8.10	128	974140	37.868	ng	100
32) Benzoic acid	7.87	122	105378	19.489	ng	98
33) 4-Chloroaniline	8.15	127	358812	31.267	ng	99
34) Hexachlorobutadiene	8.22	225	182000	37.806	ng	100
35) Caprolactam	8.53	113	86332m	36.575	ng	
36) 4-Chloro-3-methylphenol	8.65	107	286743	37.984	ng	98
37) 2-Methylnaphthalene	8.80	142	654223	39.168	ng	100
38) 1-Methylnaphthalene	8.90	142	614760	38.861	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	305286	41.561	ng	99

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41) Hexachlorocyclopentadiene	8.95	237	300541	74.030	nq	97
43) 2,4,6-Trichlorophenol	9.08	196	197923	38.269	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	209487	35.708	nq	95
46) 1,1'-Biphenyl	9.26	154	776473	40.375	nq	99
47) 2-Chloronaphthalene	9.29	162	598313	38.159	nq	98
48) 2-Nitroaniline	9.39	65	180213	38.032	nq	91
49) Acenaphthylene	9.70	152	956001	39.247	nq	99
50) Dimethylphthalate	9.56	163	698987	38.430	nq	98
51) 2,6-Dinitrotoluene	9.63	165	155401	39.769	nq	93
52) Acenaphthene	9.87	154	548562	35.422	nq	99
53) 3-Nitroaniline	9.79	138	128709	26.262	nq	97
54) 2,4-Dinitrophenol	9.91	184	124437	57.432	nq	90
55) Dibenzofuran	10.05	168	831276	37.119	nq	100
56) 4-Nitrophenol	9.97	139	218255	58.626	nq	93
57) 2,4-Dinitrotoluene	10.03	165	199370	38.852	nq	# 91
58) Fluorene	10.39	166	631165	37.789	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	164738	36.881	nq	97
60) Diethylphthalate	10.26	149	686710	37.327	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	313669	35.209	nq	97
62) 4-Nitroaniline	10.41	138	165714	34.712	nq	99
63) Azobenzene	10.55	77	642996	36.712	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	95640	36.968	nq	91
66) n-Nitrosodiphenylamine	10.50	169	584361	40.477	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	201930	39.465	nq	98
68) Hexachlorobenzene	10.94	284	225700	40.777	nq	95
69) Atrazine	11.03	200	163069	45.608	nq	99
70) Pentachlorophenol	11.14	266	203030	64.030	nq	99
71) Phenanthrene	11.35	178	923117	39.110	nq	99
72) Anthracene	11.40	178	947048	39.959	nq	100
73) Carbazole	11.56	167	874429	37.177	nq	99
74) Di-n-butylphthalate	11.89	149	1066017	39.274	nq	100
75) Fluoranthene	12.55	202	1004880	38.410	nq	98
77) Benzidine	12.66	184	476458	52.357	nq	99
78) Pyrene	12.77	202	1025447	41.904	nq	99
80) Butylbenzylphthalate	13.39	149	448243	41.090	nq	99
81) Benzo(a)anthracene	13.96	228	864944	41.267	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	276436	34.959	nq	99
83) Chrysene	14.00	228	841970	38.226	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	615972	45.791	nq	100
85) Di-n-octyl phthalate	14.56	149	1077530	40.262	nq	98
87) Indeno(1,2,3-cd)pyrene	16.87	276	955035	39.453	nq	99
88) Benzo(b)fluoranthene	15.00	252	841784	40.010	nq	99
89) Benzo(k)fluoranthene	15.03	252	823514	42.918	nq	99
90) Benzo(a)pyrene	15.36	252	765665	39.887	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	793595	40.134	nq	98
92) Benzo(g,h,i)perylene	17.30	276	811242	41.609	nq	98

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

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