

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041019\
 Data File : BN005136.D
 Acq On : 10 Apr 2019 20:05
 Operator : JU/SJ
 Sample : PB118783BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118783BS

Quant Time: Apr 11 07:33:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	7005	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	29359	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	16782	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	35983	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	34442	20.00	ng	-0.02
87) Perylene-d12	23.48	264	30776	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	55451	136.86	ng	-0.02
7) Phenol-d6	6.83	99	70042	130.34	ng	-0.02
23) Nitrobenzene-d5	8.82	82	34456	70.99	ng	-0.03
42) 2,4,6-Tribromophenol	15.80	330	38071	140.66	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	98504	77.78	ng	-0.02
79) Terphenyl-d14	19.69	244	146929	82.13	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	7234	48.994	ng	98
3) Pyridine	3.57	79	13215	32.027	ng	97
4) n-Nitrosodimethylamine	3.50	42	4659	34.635	ng	# 97
6) Aniline	6.99	93	22450	32.806	ng	99
8) 2-Chlorophenol	7.22	128	22010	42.792	ng	96
9) Benzaldehyde	6.80	77	5886	19.061	ng	98
10) Phenol	6.86	94	24203	42.030	ng	99
11) bis(2-Chloroethyl)ether	7.09	93	16953	38.071	ng	100
12) 1,3-Dichlorobenzene	7.54	146	21816	38.930	ng	98
13) 1,4-Dichlorobenzene	7.69	146	22239	39.206	ng	98
14) 1,2-Dichlorobenzene	8.00	146	21628	39.841	ng	100
15) Benzyl Alcohol	7.90	79	16048	39.252	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	18470	34.379	ng	98
17) 2-Methylphenol	8.10	107	17222	42.900	ng	98
18) Hexachloroethane	8.71	117	7497	37.288	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	13063	37.080	ng	98
20) 3+4-Methylphenols	8.43	107	22936	42.079	ng	99
22) Acetophenone	8.48	105	28375	42.339	ng	98
24) Nitrobenzene	8.86	77	19431	39.560	ng	98
25) Isophorone	9.37	82	36735	38.853	ng	99
26) 2-Nitrophenol	9.56	139	11537	40.452	ng	95
27) 2,4-Dimethylphenol	9.62	122	19947	50.235	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	23398	39.941	ng	99
29) 2,4-Dichlorophenol	10.09	162	20801	45.580	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	21651	43.069	ng	100
31) Naphthalene	10.49	128	64548	42.140	ng	100
32) Benzoic acid	9.79	122	9037	30.559	ng	98
33) 4-Chloroaniline	10.61	127	12363	19.837	ng	99
34) Hexachlorobutadiene	10.75	225	13421	41.260	ng	99
35) Caprolactam	11.40	113	5442	36.418	ng	89
36) 4-Chloro-3-methylphenol	11.74	107	20462	41.506	ng	98
37) 2-Methylnaphthalene	12.10	142	47466	43.883	ng	99
38) 1-Methylnaphthalene	12.33	142	44589	42.128	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	25365	42.613	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	30107	88.855	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	16468	44.587	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	17456	43.382	ng	97
46) 1,1'-Biphenyl	13.13	154	61026	42.965	ng	99
47) 2-Chloronaphthalene	13.17	162	46910	43.038	ng	99
48) 2-Nitroaniline	13.39	65	10731	36.985	ng	96
49) Acenaphthylene	14.02	152	75028	40.926	ng	100
50) Dimethylphthalate	13.77	163	58343	42.315	ng	100
51) 2,6-Dinitrotoluene	13.90	165	12997	41.427	ng	92
52) Acenaphthene	14.37	154	43530	42.210	ng	99
53) 3-Nitroaniline	14.23	138	7803	24.334	ng	98
54) 2,4-Dinitrophenol	14.44	184	11220	61.767	ng	98
55) Dibenzofuran	14.70	168	69359	42.267	ng	99
56) 4-Nitrophenol	14.55	139	18183	71.980	ng	98
57) 2,4-Dinitrotoluene	14.69	165	17520	41.091	ng	96
58) Fluorene	15.35	166	56034	42.270	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	16227	43.495	ng	# 97
60) Diethylphthalate	15.13	149	57992	42.150	ng	99
61) 4-Chlorophenyl-phenylether	15.35	204	29949	43.794	ng	99
62) 4-Nitroaniline	15.40	138	11267	34.971	ng	99
63) Azobenzene	15.64	77	44325	38.702	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	8475	35.889	ng	98
66) n-Nitrosodiphenylamine	15.57	169	48976	43.210	ng	99
67) 4-Bromophenyl-phenylether	16.25	248	19393	43.188	ng	98
68) Hexachlorobenzene	16.35	284	23451	44.577	ng	97
69) Atrazine	16.52	200	16897	41.727	ng	99
70) Pentachlorophenol	16.70	266	22821	82.506	ng	99
71) Phenanthrene	17.09	178	84944	42.013	ng	99
72) Anthracene	17.19	178	87105	43.283	ng	100
73) Carbazole	17.46	167	74801	40.835	ng	99
74) Di-n-butylphthalate	18.01	149	95750	42.910	ng	100
75) Fluoranthene	19.12	202	95416	41.367	ng	98
77) Benzidine	19.32	184	38691	36.046	ng	99
78) Pyrene	19.49	202	95101	41.352	ng	100
80) Butylbenzylphthalate	20.38	149	41004	43.880	ng	99
81) Benzo(a)anthracene	21.24	228	85759	39.974	ng	99
82) 3,3'-Dichlorobenzidine	21.17	252	24183	30.144	ng	99
83) Chrysene	21.29	228	83503	40.749	ng	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	59320	45.880	ng	99
85) Di-n-octyl phthalate	22.03	149	95698	45.864	ng	97
86) Indeno(1,2,3-cd)pyrene	25.73	276	95259	40.918	ng	99
88) Benzo(b)fluoranthene	22.81	252	83097	43.866	ng	99
89) Benzo(k)fluoranthene	22.86	252	80899	46.570	ng	99
90) Benzo(a)pyrene	23.39	252	77728	44.838	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	80071	46.009	ng	100
92) Benzo(g,h,i)perylene	26.42	276	79469	46.173	ng	99

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

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