

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005004.D
 Acq On : 27 Mar 2019 21:02
 Operator : JU/SJ
 Sample : PB118322BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118322BSD

Quant Time: Mar 28 04:52:06 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	7.68	152	9619	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38225	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	19910	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	37971	20.00	ng	0.00
76) Chrysene-d12	21.27	240	30281	20.00	ng	0.00
87) Perylene-d12	23.50	264	28216	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	72508	130.32	ng	0.00
7) Phenol-d6	6.86	99	89810	121.71	ng	0.00
23) Nitrobenzene-d5	8.84	82	48464	76.69	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	37520	116.84	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	122867	81.78	ng	0.00
79) Terphenyl-d14	19.70	244	134829	85.72	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	11073	54.614	ng	# 91
3) Pyridine	3.60	79	20817	36.741	ng	99
4) n-Nitrosodimethylamine	3.53	42	7296	39.499	ng	99
6) Aniline	7.02	93	30493	32.450	ng	100
8) 2-Chlorophenol	7.25	128	28206	39.936	ng	99
9) Benzaldehyde	6.83	77	7804	18.404	ng	99
10) Phenol	6.88	94	31349	39.646	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	23271	38.057	ng	98
12) 1,3-Dichlorobenzene	7.56	146	29775	38.694	ng	99
13) 1,4-Dichlorobenzene	7.71	146	30485	39.138	ng	99
14) 1,2-Dichlorobenzene	8.02	146	29022	38.933	ng	99
15) Benzyl Alcohol	7.92	79	20918	37.259	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	27756	37.623	ng	99
17) 2-Methylphenol	8.12	107	22071	40.038	ng	98
18) Hexachloroethane	8.73	117	10613	38.442	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	17449	36.070	ng	99
20) 3+4-Methylphenols	8.45	107	28993	38.737	ng	98
22) Acetophenone	8.50	105	36914	42.305	ng	# 100
24) Nitrobenzene	8.88	77	26269	41.077	ng	100
25) Isophorone	9.39	82	47678	38.730	ng	99
26) 2-Nitrophenol	9.59	139	14801	39.860	ng	98
27) 2,4-Dimethylphenol	9.64	122	24393	47.184	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	30809	40.393	ng	99
29) 2,4-Dichlorophenol	10.11	162	25274	42.536	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	27655	42.252	ng	99
31) Naphthalene	10.51	128	82571	41.403	ng	100
32) Benzoic acid	9.80	122	12653	32.433	ng	99
33) 4-Chloroaniline	10.63	127	13492	16.628	ng	99
34) Hexachlorobutadiene	10.77	225	17456	41.218	ng	99
35) Caprolactam	11.42	113	6281	32.284	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	24591	38.311	ng	99
37) 2-Methylnaphthalene	12.13	142	58020	41.199	ng	99
38) 1-Methylnaphthalene	12.35	142	54762	39.739	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	31246	44.246	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	44464	109.512	nq	98
43) 2,4,6-Trichlorophenol	12.75	196	19425	44.330	nq	99
44) 2,4,5-Trichlorophenol	12.82	196	20172	42.256	nq	99
46) 1,1'-Biphenyl	13.15	154	73174	43.424	nq	99
47) 2-Chloronaphthalene	13.19	162	56512	43.702	nq	99
48) 2-Nitroaniline	13.42	65	13331	38.727	nq	99
49) Acenaphthylene	14.04	152	88288	40.593	nq	100
50) Dimethylphthalate	13.79	163	64908	39.681	nq	99
51) 2,6-Dinitrotoluene	13.92	165	14426	38.757	nq	95
52) Acenaphthene	14.39	154	50491	41.268	nq	100
53) 3-Nitroaniline	14.25	138	7239	19.029	nq	96
54) 2,4-Dinitrophenol	14.46	184	15351	70.127	nq	99
55) Dibenzofuran	14.72	168	79641	40.908	nq	99
56) 4-Nitrophenol	14.56	139	20388	68.029	nq	98
57) 2,4-Dinitrotoluene	14.70	165	18876	37.316	nq	99
58) Fluorene	15.37	166	62192	39.545	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	17751	40.105	nq	# 100
60) Diethylphthalate	15.15	149	62240	38.131	nq	100
61) 4-Chlorophenyl-phenylether	15.36	204	33190	40.908	nq	99
62) 4-Nitroaniline	15.42	138	11908	31.154	nq	97
63) Azobenzene	15.66	77	52965	38.980	nq	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	9743	38.817	nq	98
66) n-Nitrosodiphenylamine	15.59	169	53085	44.383	nq	99
67) 4-Bromophenyl-phenylether	16.26	248	20760	43.812	nq	99
68) Hexachlorobenzene	16.37	284	24036	43.297	nq	99
69) Atrazine	16.54	200	16982	39.741	nq	98
70) Pentachlorophenol	16.72	266	23001	78.803	nq	99
71) Phenanthrene	17.11	178	88061	41.275	nq	99
72) Anthracene	17.20	178	89339	42.069	nq	99
73) Carbazole	17.48	167	73932	38.248	nq	99
74) Di-n-butylphthalate	18.03	149	90021	38.230	nq	100
75) Fluoranthene	19.13	202	89343	36.706	nq	99
77) Benzidine	19.33	184	38151	40.427	nq	100
78) Pyrene	19.50	202	89364	44.197	nq	100
80) Butylbenzylphthalate	20.40	149	33030	40.203	nq	98
81) Benzo(a)anthracene	21.25	228	77156	40.905	nq	99
82) 3,3'-Dichlorobenzidine	21.19	252	16963	24.050	nq	99
83) Chrysene	21.30	228	73585	40.844	nq	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	45415	39.952	nq	100
85) Di-n-octyl phthalate	22.04	149	74094	40.389	nq	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	82941	40.522	nq	100
88) Benzo(b)fluoranthene	22.83	252	74514	42.904	nq	99
89) Benzo(k)fluoranthene	22.88	252	69906	43.893	nq	99
90) Benzo(a)pyrene	23.41	252	69315	43.613	nq	99
91) Dibenzo(a,h)anthracene	25.77	278	69779	43.733	nq	100
92) Benzo(g,h,i)perylene	26.46	276	68605	43.477	nq	99

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

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