

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP003992.D
 Acq On : 18 Nov 2020 14:09
 Operator : CG/JU
 Sample : PB133082BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133082BS

Quant Time: Nov 18 15:19:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	159477	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	614585	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	369275	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	756129	20.00	ng	# 0.00
76) Chrysene-d12	21.680	240	653195	20.00	ng	0.00
86) Perylene-d12	24.168	264	636834	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1032005	108.00	ng	0.00
7) Phenol-d6	7.457	99	1319607	96.20	ng	0.00
23) Nitrobenzene-d5	9.451	82	849401	67.69	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	446445	96.66	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1778966	67.35	ng	0.00
79) Terphenyl-d14	20.139	244	2224188	65.79	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	125541	30.45	ng	# 59
3) Pyridine	3.928	79	370519	30.64	ng	# 60
4) n-Nitrosodimethylamine	3.828	42	218129	39.19	ng	# 54
6) Aniline	7.587	93	381376	24.49	ng	# 84
8) 2-Chlorophenol	7.852	128	432700	42.65	ng	# 80
9) Benzaldehyde	7.387	77	77242	9.33	ng	# 81
10) Phenol	7.481	94	549718	41.53	ng	82
11) bis(2-Chloroethyl)ether	7.669	93	420228	39.50	ng	# 80
12) 1,3-Dichlorobenzene	8.175	146	471923	37.96	ng	# 94
13) 1,4-Dichlorobenzene	8.316	146	477890	38.13	ng	95
14) 1,2-Dichlorobenzene	8.651	146	456663	38.14	ng	96
15) Benzyl Alcohol	8.516	79	388900	40.93	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.810	45	667546	37.26	ng	82
17) 2-Methylphenol	8.746	107	364492	41.94	ng	# 93
18) Hexachloroethane	9.393	117	176242	39.56	ng	95
19) n-Nitroso-di-n-propyla...	9.087	70	329800	40.23	ng	# 76
20) 3+4-Methylphenols	9.075	107	485630	41.86	ng	94
22) Acetophenone	9.104	105	631490	38.28	ng	# 85
24) Nitrobenzene	9.493	77	497952	39.93	ng	# 81
25) Isophorone	10.016	82	882672	41.41	ng	# 91
26) 2-Nitrophenol	10.216	139	233606	47.97	ng	# 72
27) 2,4-Dimethylphenol	10.281	122	368356	45.35	ng	92
28) bis(2-Chloroethoxy)met...	10.487	93	540928	36.98	ng	97
29) 2,4-Dichlorophenol	10.775	162	402125	41.09	ng	96
30) 1,2,4-Trichlorobenzene	10.987	180	448733	37.63	ng	100
31) Naphthalene	11.169	128	1269955	38.51	ng	100
32) Benzoic acid	10.457	122	97982	22.51	ng	# 72
33) 4-Chloroaniline	11.257	127	326064	23.26	ng	# 89
34) Hexachlorobutadiene	11.475	225	285030	36.65	ng	99
35) Caprolactam	12.004	113	124940	41.28	ng	# 8
36) 4-Chloro-3-methylphenol	12.392	107	433116	40.99	ng	89
37) 2-Methylnaphthalene	12.751	142	917874	38.89	ng	97
38) 1-Methylnaphthalene	12.969	142	858490	38.14	ng	98
40) 1,2,4,5-Tetrachloroben...	13.134	216	483342	39.55	ng	99
41) Hexachlorocyclopentadiene	13.122	237	493468	80.03	ng	99
43) 2,4,6-Trichlorophenol	13.363	196	302354	40.02	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.445	196	321350	40.40	ng	# 96
46) 1,1'-Biphenyl	13.739	154	1121238	39.11	ng	98
47) 2-Chloronaphthalene	13.792	162	895026	38.05	ng	98
48) 2-Nitroaniline	13.975	65	299523	42.68	ng	# 61
49) Acenaphthylene	14.634	152	1373368	39.76	ng	100
50) Dimethylphthalate	14.334	163	1109515	38.44	ng	100
51) 2,6-Dinitrotoluene	14.457	165	247034	41.71	ng	# 75
52) Acenaphthene	14.975	154	950428	41.31	ng	97
53) 3-Nitroaniline	14.786	138	179506	27.38	ng	# 76
54) 2,4-Dinitrophenol	15.004	184	187738	62.63	ng	# 83
55) Dibenzofuran	15.298	168	1318132	38.56	ng	99
56) 4-Nitrophenol	15.122	139	355688	75.28	ng	# 67
57) 2,4-Dinitrotoluene	15.251	165	336643	42.33	ng	# 77
58) Fluorene	15.951	166	1059384	38.70	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.539	232	273113	38.09	ng	97
60) Diethylphthalate	15.692	149	1085162	38.40	ng	98
61) 4-Chlorophenyl-phenyle...	15.922	204	560554	37.48	ng	99
62) 4-Nitroaniline	15.945	138	248944	36.42	ng	86
63) Azobenzene	16.216	77	1049282	39.32	ng	84
65) 4,6-Dinitro-2-methylph...	16.028	198	169058	42.38	ng	# 81
66) n-Nitrosodiphenylamine	16.139	169	937204	40.49	ng	98
67) 4-Bromophenyl-phenylether	16.816	248	343748	38.85	ng	95
68) Hexachlorobenzene	16.986	284	376369	37.28	ng	98
69) Atrazine	17.069	200	309443	40.72	ng	99
70) Pentachlorophenol	17.316	266	299603	62.04	ng	100
71) Phenanthrene	17.686	178	1620051	38.18	ng	99
72) Anthracene	17.775	178	1672212	40.80	ng	99
73) Carbazole	18.027	167	1497186	39.37	ng	99
74) Di-n-butylphthalate	18.539	149	1825659	41.47	ng	# 99
75) Fluoranthene	19.621	202	1889609	38.59	ng	99
77) Benzidine	19.763	184	491952	31.93	ng	99
78) Pyrene	19.969	202	1887045	42.57	ng	99
80) Butylbenzylphthalate	20.786	149	773624	46.84	ng	# 87
81) Benzo(a)anthracene	21.663	228	1692940	39.30	ng	99
82) 3,3'-Dichlorobenzidine	21.568	252	448352	30.17	ng	98
83) Chrysene	21.715	228	1625518	39.28	ng	98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1092686	44.88	ng	99
85) Di-n-octyl phthalate	22.468	149	1880195	46.36	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.745	276	1925388	41.91	ng	99
88) Benzo(b)fluoranthene	23.410	252	1670731	40.09	ng	100
89) Benzo(k)fluoranthene	23.457	252	1654363	40.20	ng	99
90) Benzo(a)pyrene	24.062	252	1546321	40.08	ng	99
91) Dibenzo(a,h)anthracene	26.745	278	1632220	42.62	ng	99
92) Benzo(g,h,i)perylene	27.539	276	1585703	42.78	ng	97

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

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