

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003646.D
 Acq On : 16 Oct 2020 17:30
 Operator : CG/JU
 Sample : L4375-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S3MSD

Quant Time: Oct 16 18:06:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 12:46:19 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	82587	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	346019	20.00	ng	# 0.00
39) Acenaphthene-d10	15.140	164	256666	20.00	ng	-0.01
64) Phenanthrene-d10	17.851	188	649090	20.00	ng	-0.01
76) Chrysene-d12	21.863	240	773017	20.00	ng	#-0.02
86) Perylene-d12	24.433	264	820616	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	727233	151.38	ng	0.00
7) Phenol-d6	7.687	99	1033949	147.76	ng	0.00
23) Nitrobenzene-d5	9.710	82	758036	101.57	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	579429	169.32	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1713503	87.59	ng	0.00
79) Terphenyl-d14	20.316	244	3249790	76.06	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.687	88	68262	33.17	ng	# 85
3) Pyridine	4.128	79	213155	35.55	ng	# 88
4) n-Nitrosodimethylamine	4.022	42	111948	43.44	ng	# 61
6) Aniline	7.834	93	256748	31.35	ng	# 85
8) 2-Chlorophenol	8.105	128	260310	53.30	ng	83
9) Benzaldehyde	7.634	77	132566	35.74	ng	# 75
10) Phenol	7.711	94	386079	57.13	ng	75
11) bis(2-Chloroethyl)ether	7.916	93	250739	46.22	ng	88
12) 1,3-Dichlorobenzene	8.434	146	271199	42.71	ng	# 90
13) 1,4-Dichlorobenzene	8.575	146	277729	43.60	ng	# 95
14) 1,2-Dichlorobenzene	8.910	146	269001	44.02	ng	# 92
15) Benzyl Alcohol	8.769	79	306488	54.53	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	9.069	45	240484	43.29	ng	99
17) 2-Methylphenol	8.987	107	251803	54.99	ng	# 87
18) Hexachloroethane	9.663	117	107415	43.37	ng	95
19) n-Nitroso-di-n-propyla...	9.340	70	231785	49.69	ng	# 85
20) 3+4-Methylphenols	9.316	107	350132	57.44	ng	91
22) Acetophenone	9.357	105	441677	43.23	ng	# 86
24) Nitrobenzene	9.752	77	348995	47.50	ng	# 76
25) Isophorone	10.275	82	658944	47.31	ng	# 89
26) 2-Nitrophenol	10.475	139	145148	65.33	ng	# 60
27) 2,4-Dimethylphenol	10.534	122	275027	59.93	ng	# 86
28) bis(2-Chloroethoxy)met...	10.746	93	368787	43.07	ng	97
29) 2,4-Dichlorophenol	11.028	162	304924	53.23	ng	95
30) 1,2,4-Trichlorobenzene	11.252	180	316725	41.68	ng	99
31) Naphthalene	11.440	128	812854	43.82	ng	99
32) Benzoic acid	10.681	122	183498	70.48	ng	# 70
33) 4-Chloroaniline	11.516	127	186215	23.25	ng	# 84
34) Hexachlorobutadiene	11.746	225	221170	39.27	ng	97
35) Caprolactam	12.246	113	106503	58.66	ng	# 62
36) 4-Chloro-3-methylphenol	12.616	107	369474	56.51	ng	# 81
37) 2-Methylnaphthalene	13.004	142	649481	47.06	ng	# 94
38) 1-Methylnaphthalene	13.216	142	603744	46.53	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.375	216	432730	44.47	ng	97
41) Hexachlorocyclopentadiene	13.369	237	530248	97.77	ng	99
43) 2,4,6-Trichlorophenol	13.593	196	284702	52.76	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.669	196	312153	55.08	ng	# 94
46) 1,1'-Biphenyl	13.975	154	878889	44.32	ng	98
47) 2-Chloronaphthalene	14.028	162	697273	42.23	ng	98
48) 2-Nitroaniline	14.198	65	238305	50.51	ng	# 58
49) Acenaphthylene	14.863	152	1079330	44.88	ng	100
50) Dimethylphthalate	14.563	163	1260490	59.81	ng	99
51) 2,6-Dinitrotoluene	14.675	165	211567	55.74	ng	# 62
52) Acenaphthene	15.204	154	809035	51.64	ng	# 81
53) 3-Nitroaniline	15.004	138	117008	30.58	ng	# 59
54) 2,4-Dinitrophenol	15.204	184	228655	103.89	ng	# 1
55) Dibenzofuran	15.528	168	1100758	45.20	ng	96
56) 4-Nitrophenol	15.310	139	342119	124.51	ng	# 35
57) 2,4-Dinitrotoluene	15.457	165	298905	53.60	ng	# 63
58) Fluorene	16.169	166	899307	45.64	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.757	232	296871	56.96	ng	94
60) Diethylphthalate	15.904	149	966586	46.66	ng	99
61) 4-Chlorophenyl-phenyle...	16.145	204	521877	44.71	ng	97
62) 4-Nitroaniline	16.157	138	189043	44.40	ng	# 54
63) Azobenzene	16.434	77	905638	45.44	ng	84
65) 4,6-Dinitro-2-methylph...	16.228	198	168449	58.22	ng	90
66) n-Nitrosodiphenylamine	16.351	169	816653	42.13	ng	99
67) 4-Bromophenyl-phenylether	17.034	248	341628	40.09	ng	98
68) Hexachlorobenzene	17.198	284	378453	38.89	ng	97
69) Atrazine	17.275	200	289401	38.30	ng	97
70) Pentachlorophenol	17.522	266	584436	132.02	ng	99
71) Phenanthrene	17.898	178	1593600	44.19	ng	99
72) Anthracene	17.981	178	1644900	46.77	ng	99
73) Carbazole	18.228	167	1431776	45.08	ng	99
74) Di-n-butylphthalate	18.728	149	1712770	44.27	ng	# 98
75) Fluoranthene	19.804	202	2049376	45.91	ng	98
77) Benzidine	19.939	184	324637	17.91	ng	99
78) Pyrene	20.151	202	2087629	40.63	ng	99
80) Butylbenzylphthalate	20.951	149	776325	43.26	ng	# 80
81) Benzo(a)anthracene	21.845	228	2261187	43.50	ng	99
82) 3,3'-Dichlorobenzidine	21.745	252	466720	25.40	ng	# 98
83) Chrysene	21.898	228	2167875	44.09	ng	99
84) Bis(2-ethylhexyl)phtha...	21.704	149	1163447	42.72	ng	# 97
85) Di-n-octyl phthalate	22.663	149	2066781	47.00	ng	# 92
87) Indeno(1,2,3-cd)pyrene	27.127	276	2892035	46.44	ng	# 90
88) Benzo(b)fluoranthene	23.645	252	2518048	44.16	ng	# 97
89) Benzo(k)fluoranthene	23.698	252	2425025	45.29	ng	# 97
90) Benzo(a)pyrene	24.321	252	2253169	43.87	ng	# 95
91) Dibenzo(a,h)anthracene	27.127	278	2477027	47.69	ng	# 93
92) Benzo(g,h,i)perylene	27.957	276	2343764	47.80	ng	# 90

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

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