

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003643.D
 Acq On : 16 Oct 2020 15:47
 Operator : CG/JU
 Sample : PB132419BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132419BS

Quant Time: Oct 16 16:19:44 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	78110	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	308517	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	232451	20.00	ng	-0.01
64) Phenanthrene-d10	17.851	188	581475	20.00	ng	-0.01
76) Chrysene-d12	21.857	240	645578	20.00	ng	#-0.02
86) Perylene-d12	24.427	264	642518	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	552932	121.70	ng	0.00
7) Phenol-d6	7.687	99	784320	118.51	ng	0.00
23) Nitrobenzene-d5	9.704	82	479260	72.02	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	421988	136.16	ng	0.00
45) 2-Fluorobiphenyl	13.763	172	1121877	63.32	ng	-0.01
79) Terphenyl-d14	20.316	244	2211914	61.99	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.681	88	66040	33.93	ng	# 85
3) Pyridine	4.128	79	189572	33.43	ng	# 89
4) n-Nitrosodimethylamine	4.022	42	98687	40.49	ng	# 59
6) Aniline	7.834	93	242776	31.34	ng	# 86
8) 2-Chlorophenol	8.105	128	219819	47.59	ng	# 80
9) Benzaldehyde	7.634	77	115654	32.58	ng	# 75
10) Phenol	7.710	94	307658	48.14	ng	75
11) bis(2-Chloroethyl)ether	7.916	93	209249	40.78	ng	90
12) 1,3-Dichlorobenzene	8.434	146	230965	38.46	ng	# 90
13) 1,4-Dichlorobenzene	8.575	146	236567	39.26	ng	# 94
14) 1,2-Dichlorobenzene	8.910	146	225263	38.98	ng	# 94
15) Benzyl Alcohol	8.763	79	249039	46.85	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	9.063	45	198047	37.70	ng	99
17) 2-Methylphenol	8.987	107	208675	48.19	ng	# 88
18) Hexachloroethane	9.663	117	91301	38.98	ng	98
19) n-Nitroso-di-n-propyla...	9.340	70	187956	42.60	ng	# 86
20) 3+4-Methylphenols	9.310	107	287299	49.83	ng	90
22) Acetophenone	9.357	105	360168	39.54	ng	# 86
24) Nitrobenzene	9.746	77	286317	43.71	ng	# 75
25) Isophorone	10.275	82	526713	42.42	ng	# 88
26) 2-Nitrophenol	10.475	139	116130	58.62	ng	# 58
27) 2,4-Dimethylphenol	10.528	122	221440	54.11	ng	# 78
28) bis(2-Chloroethoxy)met...	10.746	93	298028	39.04	ng	97
29) 2,4-Dichlorophenol	11.028	162	248804	48.71	ng	95
30) 1,2,4-Trichlorobenzene	11.251	180	257540	38.01	ng	98
31) Naphthalene	11.434	128	667112	40.33	ng	99
32) Benzoic acid	10.663	122	128878	56.88	ng	# 65
33) 4-Chloroaniline	11.516	127	180022	25.21	ng	# 85
34) Hexachlorobutadiene	11.746	225	186223	37.08	ng	97
35) Caprolactam	12.240	113	81444	50.31	ng	# 61
36) 4-Chloro-3-methylphenol	12.616	107	292122	50.11	ng	# 82
37) 2-Methylnaphthalene	12.998	142	519682	42.23	ng	# 94
38) 1-Methylnaphthalene	13.216	142	485238	41.95	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.375	216	346636	39.33	ng	98
41) Hexachlorocyclopentadiene	13.369	237	455724	92.79	ng	99
43) 2,4,6-Trichlorophenol	13.592	196	226602	46.37	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.663	196	248178	48.35	ng	#	94
46) 1,1'-Biphenyl	13.975	154	708598	39.45	ng		98
47) 2-Chloronaphthalene	14.028	162	562899	37.64	ng		98
48) 2-Nitroaniline	14.198	65	189754	44.91	ng	#	56
49) Acenaphthylene	14.863	152	884249	40.60	ng		100
50) Dimethylphthalate	14.557	163	783539	41.05	ng		100
51) 2,6-Dinitrotoluene	14.675	165	170351	49.56	ng	#	60
52) Acenaphthene	15.204	154	645107	45.46	ng		82
53) 3-Nitroaniline	15.004	138	112654	32.51	ng	#	63
54) 2,4-Dinitrophenol	15.204	184	170297	91.22	ng	#	1
55) Dibenzofuran	15.528	168	907573	41.15	ng		97
56) 4-Nitrophenol	15.304	139	274982	110.50	ng	#	33
57) 2,4-Dinitrotoluene	15.457	165	244012	48.66	ng	#	69
58) Fluorene	16.169	166	761738	42.69	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.751	232	242247	51.32	ng		94
60) Diethylphthalate	15.904	149	789493	42.08	ng		97
61) 4-Chlorophenyl-phenyle...	16.145	204	436275	41.27	ng		98
62) 4-Nitroaniline	16.157	138	167648	43.48	ng	#	50
63) Azobenzene	16.434	77	760506	42.13	ng		84
65) 4,6-Dinitro-2-methylph...	16.222	198	129880	51.14	ng		89
66) n-Nitrosodiphenylamine	16.351	169	677799	39.03	ng		99
67) 4-Bromophenyl-phenylether	17.028	248	287705	37.69	ng		98
68) Hexachlorobenzene	17.192	284	329229	37.77	ng		97
69) Atrazine	17.269	200	239472	35.38	ng		97
70) Pentachlorophenol	17.516	266	422271	106.48	ng		99
71) Phenanthrene	17.892	178	1261831	39.06	ng		100
72) Anthracene	17.981	178	1298483	41.21	ng		99
73) Carbazole	18.222	167	1149289	40.39	ng		99
74) Di-n-butylphthalate	18.728	149	1381044	39.84	ng	#	98
75) Fluoranthene	19.804	202	1652557	41.32	ng		97
77) Benzidine	19.939	184	661491	43.71	ng		100
78) Pyrene	20.151	202	1666123	38.83	ng		99
80) Butylbenzylphthalate	20.951	149	620049	41.37	ng	#	79
81) Benzo(a)anthracene	21.839	228	1707548	39.33	ng		99
82) 3,3'-Dichlorobenzidine	21.745	252	436986	28.47	ng	#	99
83) Chrysene	21.898	228	1633469	39.77	ng		99
84) Bis(2-ethylhexyl)phtha...	21.704	149	915622	40.26	ng	#	98
85) Di-n-octyl phthalate	22.663	149	1568398	42.71	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.121	276	2023330	41.50	ng	#	91
88) Benzo(b)fluoranthene	23.645	252	1840992	41.24	ng	#	97
89) Benzo(k)fluoranthene	23.692	252	1681430	40.11	ng	#	97
90) Benzo(a)pyrene	24.315	252	1582544	39.36	ng	#	96
91) Dibenzo(a,h)anthracene	27.121	278	1722353	42.35	ng	#	93
92) Benzo(g,h,i)perylene	27.951	276	1643812	42.82	ng	#	91

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

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