

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111020\
 Data File : BP003911.D
 Acq On : 10 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4681-07MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-DMS

Quant Time: Nov 11 00:13:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	154179	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	557772	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	313160	20.00	ng	0.00
64) Phenanthrene-d10	17.633	188	615453	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	569501	20.00	ng	0.00
86) Perylene-d12	24.139	264	703661	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	891262	96.48	ng	0.00
7) Phenol-d6	7.458	99	1120861	84.52	ng	0.00
23) Nitrobenzene-d5	9.446	82	712810	62.59	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	380620	97.18	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1588877	70.93	ng	0.00
79) Terphenyl-d14	20.127	244	1674057	56.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	190696	47.85	ng	# 59
3) Pyridine	3.934	79	568570	48.64	ng	# 59
4) n-Nitrosodimethylamine	3.834	42	292923	54.43	ng	# 53
6) Aniline	7.587	93	254178	16.88	ng	# 86
8) 2-Chlorophenol	7.852	128	459594	46.86	ng	# 82
9) Benzaldehyde	7.381	77	92868	12.27	ng	# 79
10) Phenol	7.481	94	589890	46.10	ng	81
11) bis(2-Chloroethyl)ether	7.669	93	450030	43.76	ng	# 80
12) 1,3-Dichlorobenzene	8.175	146	547284	45.53	ng	# 94
13) 1,4-Dichlorobenzene	8.316	146	549091	45.31	ng	96
14) 1,2-Dichlorobenzene	8.652	146	519870	44.91	ng	96
15) Benzyl Alcohol	8.516	79	418332	45.54	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.810	45	676824	39.07	ng	82
17) 2-Methylphenol	8.746	107	374105	44.53	ng	# 94
18) Hexachloroethane	9.393	117	196011	45.51	ng	99
19) n-Nitroso-di-n-propyla...	9.087	70	343256	43.31	ng	# 77
20) 3+4-Methylphenols	9.075	107	492973	43.96	ng	91
22) Acetophenone	9.105	105	674484	45.05	ng	# 87
24) Nitrobenzene	9.487	77	514038	45.42	ng	# 83
25) Isophorone	10.010	82	903460	46.70	ng	# 90
26) 2-Nitrophenol	10.210	139	244756	55.38	ng	# 73
27) 2,4-Dimethylphenol	10.281	122	395343	53.63	ng	93
28) bis(2-Chloroethoxy)met...	10.487	93	557411	41.99	ng	98
29) 2,4-Dichlorophenol	10.769	162	415465	46.77	ng	96
30) 1,2,4-Trichlorobenzene	10.981	180	487861	45.08	ng	97
31) Naphthalene	11.163	128	1340933	44.80	ng	100
32) Benzoic acid	10.440	122	186848	38.16	ng	# 79
33) 4-Chloroaniline	11.251	127	182487	14.35	ng	# 88
34) Hexachlorobutadiene	11.475	225	318734	45.16	ng	99
35) Caprolactam	11.998	113	121620	44.28	ng	# 18
36) 4-Chloro-3-methylphenol	12.387	107	462107	48.19	ng	91
37) 2-Methylnaphthalene	12.751	142	1011801	47.24	ng	97
38) 1-Methylnaphthalene	12.969	142	933161	45.67	ng	100
40) 1,2,4,5-Tetrachloroben...	13.128	216	545751	52.66	ng	98
41) Hexachlorocyclopentadiene	13.116	237	334509	63.97	ng	99
43) 2,4,6-Trichlorophenol	13.357	196	342243	53.42	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.434	196	362121	53.68	ng	#	95
46) 1,1'-Biphenyl	13.734	154	1274681	52.44	ng		98
47) 2-Chloronaphthalene	13.787	162	1001037	50.19	ng		99
48) 2-Nitroaniline	13.963	65	302389	50.81	ng	#	58
49) Acenaphthylene	14.628	152	1385583	47.31	ng		99
50) Dimethylphthalate	14.334	163	1254977	51.27	ng		99
51) 2,6-Dinitrotoluene	14.451	165	233638	46.52	ng	#	77
52) Acenaphthene	14.969	154	883267	45.27	ng		98
53) 3-Nitroaniline	14.781	138	132002	23.74	ng	#	78
54) 2,4-Dinitrophenol	14.992	184	113035	48.83	ng	#	75
55) Dibenzofuran	15.292	168	1289324	44.48	ng		99
56) 4-Nitrophenol	15.110	139	370516	92.47	ng	#	63
57) 2,4-Dinitrotoluene	15.240	165	316140	46.88	ng	#	78
58) Fluorene	15.939	166	1031441	44.43	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.534	232	276755	45.51	ng		98
60) Diethylphthalate	15.687	149	1028875	42.93	ng		98
61) 4-Chlorophenyl-phenyle...	15.922	204	547165	43.13	ng		97
62) 4-Nitroaniline	15.939	138	184455	31.82	ng		85
63) Azobenzene	16.210	77	965127	42.65	ng		84
65) 4,6-Dinitro-2-methylph...	16.016	198	99765	32.47	ng		86
66) n-Nitrosodiphenylamine	16.128	169	892514	47.37	ng		98
67) 4-Bromophenyl-phenylether	16.810	248	333480	46.31	ng		98
68) Hexachlorobenzene	16.975	284	366703	44.63	ng		97
69) Atrazine	17.063	200	262052	42.37	ng		98
70) Pentachlorophenol	17.304	266	379069	96.44	ng		100
71) Phenanthrene	17.675	178	1607455	46.54	ng		99
72) Anthracene	17.763	178	1601949	48.02	ng		99
73) Carbazole	18.016	167	1408356	45.50	ng		98
74) Di-n-butylphthalate	18.533	149	1665889	46.50	ng	#	99
75) Fluoranthene	19.610	202	1849655	46.41	ng		99
77) Benzidine	19.757	184	882418	65.69	ng		100
78) Pyrene	19.957	202	1918820	49.65	ng		99
80) Butylbenzylphthalate	20.775	149	722875	50.20	ng	#	84
81) Benzo(a)anthracene	21.651	228	1795950	47.82	ng		99
82) 3,3'-Dichlorobenzidine	21.557	252	539655	41.66	ng		100
83) Chrysene	21.704	228	1727184	47.87	ng		97
84) Bis(2-ethylhexyl)phtha...	21.527	149	1064867	50.17	ng		99
85) Di-n-octyl phthalate	22.457	149	1878939	53.13	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.709	276	2121668	41.80	ng		97
88) Benzo(b)fluoranthene	23.392	252	2166411	47.05	ng		99
89) Benzo(k)fluoranthene	23.439	252	1899794	41.78	ng		99
90) Benzo(a)pyrene	24.033	252	1899921	44.57	ng		100
91) Dibenzo(a,h)anthracene	26.704	278	1764929	41.71	ng		98
92) Benzo(g,h,i)perylene	27.498	276	1804237	44.05	ng		96

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

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