

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090221\
 Data File : BM032029.D
 Acq On : 02 Sep 2021 19:23
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM090221

Quant Time: Sep 02 20:00:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 19:37:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.492	152	80153	20.000	ng	0.00
21) Naphthalene-d8	10.251	136	297227	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	197199	20.000	ng	0.00
64) Phenanthrene-d10	16.892	188	402547	20.000	ng	0.00
76) Chrysene-d12	21.097	240	418239	20.000	ng	0.00
86) Perylene-d12	23.233	264	441651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	352243	75.436	ng	0.00
7) Phenol-d6	6.692	99	473545	76.592	ng	0.00
23) Nitrobenzene-d5	8.651	82	479187	77.624	ng	0.00
42) 2,4,6-Tribromophenol	15.639	330	205502	77.742	ng	0.00
45) 2-Fluorobiphenyl	12.745	172	1149320	76.279	ng	0.00
79) Terphenyl-d14	19.545	244	1776796	78.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.151	88	76379	37.769	ng	99
3) Pyridine	3.534	79	192703	38.022	ng	99
4) n-Nitrosodimethylamine	3.457	42	84564	35.531	ng	# 75
6) Aniline	6.845	93	247007	38.113	ng	94
8) 2-Chlorophenol	7.069	128	198241	38.055	ng	91
9) Benzaldehyde	6.663	77	138110	37.801	ng	94
10) Phenol	6.722	94	233510	38.108	ng	90
11) bis(2-Chloroethyl)ether	6.945	93	174901	38.032	ng	93
12) 1,3-Dichlorobenzene	7.381	146	227215	37.497	ng	# 92
13) 1,4-Dichlorobenzene	7.528	146	232401	37.541	ng	95
14) 1,2-Dichlorobenzene	7.839	146	222318	37.317	ng	96
15) Benzyl Alcohol	7.745	79	173700	39.393	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.028	45	228823	38.358	ng	97
17) 2-Methylphenol	7.945	107	157929	39.196	ng	95
18) Hexachloroethane	8.539	117	84629	38.369	ng	# 88
19) n-Nitroso-di-n-propyla...	8.304	70	152278	38.553	ng	# 93
20) 3+4-Methylphenols	8.275	107	211180	38.330	ng	96
22) Acetophenone	8.316	105	295894	38.332	ng	93
24) Nitrobenzene	8.692	77	236365	37.958	ng	93
25) Isophorone	9.210	82	395807	38.673	ng	# 94
26) 2-Nitrophenol	9.386	139	110022	40.000	ng	# 81
27) 2,4-Dimethylphenol	9.457	122	155035	38.211	ng	96
28) bis(2-Chloroethoxy)met...	9.692	93	212645	38.860	ng	100
29) 2,4-Dichlorophenol	9.916	162	201978	39.287	ng	96
30) 1,2,4-Trichlorobenzene	10.122	180	228667	37.955	ng	96
31) Naphthalene	10.298	128	606842	37.689	ng	100
32) Benzoic acid	9.628	122	119687	41.664	ng	# 87
33) 4-Chloroaniline	10.433	127	244029	38.713	ng	94
34) Hexachlorobutadiene	10.575	225	144595	37.262	ng	98
35) Caprolactam	11.239	113	53082	40.664	ng	# 81
36) 4-Chloro-3-methylphenol	11.563	107	193130	38.823	ng	92
37) 2-Methylnaphthalene	11.922	142	458217	38.244	ng	94
38) 1-Methylnaphthalene	12.145	142	430332	38.179	ng	96
40) 1,2,4,5-Tetrachloroben...	12.298	216	245697	37.743	ng	# 96
41) Hexachlorocyclopentadiene	12.263	237	117732	42.274	ng	97
43) 2,4,6-Trichlorophenol	12.551	196	167149	39.362	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	182470	39.648	ng	# 89
46) 1,1'-Biphenyl	12.963	154	578401	37.961	ng	98
47) 2-Chloronaphthalene	12.998	162	467517	37.800	ng	94
48) 2-Nitroaniline	13.227	65	126043	39.619	ng	# 81
49) Acenaphthylene	13.851	152	706945	38.218	ng	100
50) Dimethylphthalate	13.616	163	562067	38.237	ng	# 99
51) 2,6-Dinitrotoluene	13.739	165	132934	39.534	ng	# 64
52) Acenaphthene	14.198	154	438286	38.028	ng	97
53) 3-Nitroaniline	14.068	138	121570	39.930	ng	88
54) 2,4-Dinitrophenol	14.286	184	76623	41.779	ng	# 67
55) Dibenzofuran	14.539	168	726498	37.733	ng	92
56) 4-Nitrophenol	14.392	139	100722	42.127	ng	# 78
57) 2,4-Dinitrotoluene	14.533	165	183022	40.608	ng	# 73
58) Fluorene	15.192	166	589756	38.610	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.774	232	157821	38.322	ng	# 83
60) Diethylphthalate	14.986	149	564179	39.017	ng	98
61) 4-Chlorophenyl-phenyle...	15.198	204	293423	37.481	ng	89
62) 4-Nitroaniline	15.245	138	121177	42.364	ng	# 77
63) Azobenzene	15.492	77	552042	39.395	ng	88
65) 4,6-Dinitro-2-methylph...	15.304	198	111332	41.538	ng	# 70
66) n-Nitrosodiphenylamine	15.421	169	509190	38.934	ng	96
67) 4-Bromophenyl-phenylether	16.092	248	182248	39.068	ng	# 88
68) Hexachlorobenzene	16.192	284	201366	37.769	ng	# 83
69) Atrazine	16.386	200	170503	41.437	ng	96
70) Pentachlorophenol	16.551	266	126690	41.123	ng	98
71) Phenanthrene	16.933	178	914735	38.056	ng	99
72) Anthracene	17.027	178	903662	38.911	ng	99
73) Carbazole	17.309	167	851802	38.701	ng	96
74) Di-n-butylphthalate	17.880	149	926126	40.381	ng	# 98
75) Fluoranthene	18.962	202	1067398	38.710	ng	98
77) Benzidine	19.168	184	376443	45.299	ng	99
78) Pyrene	19.327	202	1107194	39.051	ng	100
80) Butylbenzylphthalate	20.250	149	420392	41.607	ng	90
81) Benzo(a)anthracene	21.086	228	1099455	38.703	ng	99
82) 3,3'-Dichlorobenzidine	21.027	252	326569	40.486	ng	99
83) Chrysene	21.139	228	1074812	37.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.033	149	624052	42.438	ng	# 95
85) Di-n-octyl phthalate	21.886	149	1045505	41.395	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.332	276	1360719	38.367	ng	97
88) Benzo(b)fluoranthene	22.603	252	1167444	39.081	ng	# 97
89) Benzo(k)fluoranthene	22.644	252	1135488	39.244	ng	# 97
90) Benzo(a)pyrene	23.138	252	1067287	38.825	ng	98
91) Dibenzo(a,h)anthracene	25.344	278	1177873	38.565	ng	98
92) Benzo(g,h,i)perylene	25.974	276	1137529	38.189	ng	98

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

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