

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125971.D
 Acq On : 27 Oct 2021 19:17
 Operator : JU/CG
 Sample : M4372-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:22:42 PM

10/29/2021 2:22:42 PM

Quant Time: Oct 28 08:59:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	175563	20.000	ng	#-0.01
21) Naphthalene-d8	8.145	136	607794	20.000	ng	#-0.01
39) Acenaphthene-d10	9.910	164	294984	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	528436	20.000	ng	# 0.00
76) Chrysene-d12	14.021	240	360072	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	424192	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1319447	111.946	ng	0.00
7) Phenol-d6	6.486	99	1660441	102.711	ng	0.00
23) Nitrobenzene-d5	7.422	82	1087228	92.398	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	324843	126.324	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1473235	88.320	ng	0.00
79) Terphenyl-d14	12.968	244	1375542	62.488	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	238971	41.494	ng	# 100
3) Pyridine	3.416	79	558274	36.610	ng	90
4) n-Nitrosodimethylamine	3.351	42	399176	40.812	ng	# 51
6) Aniline	6.522	93	551076	28.940	ng	# 92
8) 2-Chlorophenol	6.645	128	605887	50.929	ng	# 80
9) Benzaldehyde	6.410	77	473010	48.898	ng	93
10) Phenol	6.498	94	783056m	50.237	ng	
11) bis(2-Chloroethyl)ether	6.592	93	628652	50.081	ng	# 79
12) 1,3-Dichlorobenzene	6.804	146	604516	45.999	ng	96
13) 1,4-Dichlorobenzene	6.881	146	589368	44.831	ng	95
14) 1,2-Dichlorobenzene	7.033	146	584725	45.885	ng	96
15) Benzyl Alcohol	6.998	79	586957	47.960	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1261410	41.033	ng	96
17) 2-Methylphenol	7.110	107	515360	50.153	ng	95
18) Hexachloroethane	7.375	117	266230	53.414	ng	94
19) n-Nitroso-di-n-propyla...	7.281	70	479408	51.905	ng	# 82
20) 3+4-Methylphenols	7.263	107	577182	43.940	ng	# 85
22) Acetophenone	7.275	105	859074	54.745	ng	# 93
24) Nitrobenzene	7.439	77	692380	56.990	ng	# 86
25) Isophorone	7.686	82	1290775	57.603	ng	# 87
26) 2-Nitrophenol	7.757	139	267765	67.976	ng	# 58
27) 2,4-Dimethylphenol	7.798	122	531436	60.757	ng	# 84
28) bis(2-Chloroethoxy)met...	7.892	93	729007	51.855	ng	93
29) 2,4-Dichlorophenol	7.998	162	465269	54.264	ng	91
30) 1,2,4-Trichlorobenzene	8.086	180	486292	48.356	ng	99
31) Naphthalene	8.169	128	1828951	59.181	ng	100
32) Benzoic acid	7.916	122	253881	40.483	ng	# 36
33) 4-Chloroaniline	8.210	127	205056	16.101	ng	# 82
34) Hexachlorobutadiene	8.292	225	309625	48.989	ng	98
35) Caprolactam	8.580	113	182651	65.073	ng	# 1
36) 4-Chloro-3-methylphenol	8.692	107	532578	53.074	ng	# 81
37) 2-Methylnaphthalene	8.863	142	1582663	79.560	ng	92
38) 1-Methylnaphthalene	8.963	142	1242577	64.720	ng	90
40) 1,2,4,5-Tetrachloroben...	9.033	216	413423	50.876	ng	# 96
41) Hexachlorocyclopentadiene	9.022	237	434873	99.085	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	287784	51.891	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	264260	45.164	ng	# 72
46) 1,1'-Biphenyl	9.327	154	1049570	48.578	ng	98
47) 2-Chloronaphthalene	9.351	162	769959	47.266	ng	93
48) 2-Nitroaniline	9.439	65	369852	63.566	ng	# 65
49) Acenaphthylene	9.769	152	1210279	49.185	ng	# 92
50) Dimethylphthalate	9.627	163	779550	42.662	ng	# 87
51) 2,6-Dinitrotoluene	9.686	165	199162	55.260	ng	# 54
52) Acenaphthene	9.945	154	803771	50.262	ng	98
53) 3-Nitroaniline	9.851	138	151625	36.698	ng	# 60
54) 2,4-Dinitrophenol	9.957	184	58547	42.402	ng	# 66
55) Dibenzofuran	10.116	168	1095186	45.852	ng	# 95
56) 4-Nitrophenol	10.010	139	323156	100.651	ng	# 51
57) 2,4-Dinitrotoluene	10.092	165	296759	67.036	ng	# 87
58) Fluorene	10.457	166	892370	60.899	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	215003	45.018	ng	# 98
60) Diethylphthalate	10.327	149	866233	46.476	ng	96
61) 4-Chlorophenyl-phenyle...	10.445	204	410324	46.683	ng	97
62) 4-Nitroaniline	10.457	138	140862	37.157	ng	91
63) Azobenzene	10.604	77	1102268	51.275	ng	94
65) 4,6-Dinitro-2-methylph...	10.492	198	63003	29.785	ng	# 50
66) n-Nitrosodiphenylamine	10.563	169	979904	61.910	ng	96
67) 4-Bromophenyl-phenylether	10.933	248	288238	51.061	ng	96
68) Hexachlorobenzene	11.010	284	288412	48.462	ng	# 90
69) Atrazine	11.092	200	282107	56.277	ng	92
70) Pentachlorophenol	11.192	266	287860	85.678	ng	94
71) Phenanthrene	11.416	178	1526744	55.680	ng	96
72) Anthracene	11.468	178	1332539	48.673	ng	98
73) Carbazole	11.616	167	1154557	44.363	ng	100
74) Di-n-butylphthalate	11.951	149	1514209	54.612	ng	99
75) Fluoranthene	12.615	202	1469844	53.175	ng	97
77) Benzidine	12.715	184	379968	33.830	ng	98
78) Pyrene	12.827	202	1463924	43.688	ng	97
80) Butylbenzylphthalate	13.445	149	579690	53.182	ng	# 85
81) Benzo(a)anthracene	14.009	228	1152186	47.543	ng	98
82) 3,3'-Dichlorobenzidine	13.968	252	245270	31.918	ng	99
83) Chrysene	14.045	228	1238226	50.499	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	720332	60.999	ng	100
85) Di-n-octyl phthalate	14.621	149	1476326	80.698	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.945	276	1347187	44.084	ng	# 93
88) Benzo(b)fluoranthene	15.062	252	1453719	51.920	ng	# 96
89) Benzo(k)fluoranthene	15.092	252	1201064	44.658	ng	99
90) Benzo(a)pyrene	15.427	252	1323189	58.539	ng	96
91) Dibenzo(a,h)anthracene	16.968	278	1104726	44.623	ng	# 95
92) Benzo(g,h,i)perylene	17.392	276	1052363	40.686	ng	# 90

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

