

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125962.D
 Acq On : 27 Oct 2021 14:26
 Operator : JU/CG
 Sample : M4325-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BOX-1-225057MS

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:22:19 PM

Quant Time: Oct 28 08:57:43 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	6.863	152	181591	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	727998	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	405804	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	733377	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	401509	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	423764	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1424607	116.855	ng	0.01
7) Phenol-d6	6.492	99	1695215	101.381	ng	0.00
23) Nitrobenzene-d5	7.422	82	1309207	92.892	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	510952	144.436	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2101769	91.592	ng	-0.01
79) Terphenyl-d14	12.969	244	2281885	92.963	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	251180	42.166	ng	# 100
3) Pyridine	3.510	79	458373	29.061	ng	87
4) n-Nitrosodimethylamine	3.434	42	401818	39.718	ng	# 61
6) Aniline	6.522	93	460108	23.361	ng	# 93
8) 2-Chlorophenol	6.645	128	620040	50.388	ng	# 77
9) Benzaldehyde	6.410	77	251440	25.130	ng	93
10) Phenol	6.504	94	687733m	42.657	ng	
11) bis(2-Chloroethyl)ether	6.598	93	658124	50.689	ng	# 82
12) 1,3-Dichlorobenzene	6.804	146	623633	45.879	ng	97
13) 1,4-Dichlorobenzene	6.881	146	635760	46.755	ng	97
14) 1,2-Dichlorobenzene	7.034	146	613362	46.535	ng	98
15) Benzyl Alcohol	7.004	79	615017	48.585	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1395589	43.890	ng	99
17) 2-Methylphenol	7.110	107	520603	48.981	ng	95
18) Hexachloroethane	7.375	117	246161	47.748	ng	89
19) n-Nitroso-di-n-propyla...	7.281	70	482756	50.532	ng	# 83
20) 3+4-Methylphenols	7.263	107	590469	43.460	ng	# 83
22) Acetophenone	7.269	105	875817	46.596	ng	# 82
24) Nitrobenzene	7.439	77	740192	50.866	ng	# 86
25) Isophorone	7.687	82	1326418	49.420	ng	# 87
26) 2-Nitrophenol	7.757	139	298994	63.371	ng	# 75
27) 2,4-Dimethylphenol	7.792	122	566231	54.046	ng	88
28) bis(2-Chloroethoxy)met...	7.892	93	833455	49.496	ng	# 96
29) 2,4-Dichlorophenol	7.998	162	502126	48.893	ng	90
30) 1,2,4-Trichlorobenzene	8.081	180	564076	46.829	ng	97
31) Naphthalene	8.163	128	1749670	47.267	ng	99
32) Benzoic acid	7.875	122	141541m	21.072	ng	
33) 4-Chloroaniline	8.204	127	198794	13.032	ng	# 91
34) Hexachlorobutadiene	8.286	225	342029	45.181	ng	97
35) Caprolactam	8.581	113	133521m	39.715	ng	
36) 4-Chloro-3-methylphenol	8.686	107	595351	49.534	ng	90
37) 2-Methylnaphthalene	8.857	142	1209642	50.768	ng	92
38) 1-Methylnaphthalene	8.957	142	1114841	48.479	ng	89
40) 1,2,4,5-Tetrachloroben...	9.022	216	513063	45.896	ng	99
41) Hexachlorocyclopentadiene	9.010	237	633592	104.940	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	374050	49.027	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	401886	49.928	ng	97
46) 1,1'-Biphenyl	9.322	154	1396505	46.984	ng	99
47) 2-Chloronaphthalene	9.345	162	1075467	47.991	ng	98
48) 2-Nitroaniline	9.433	65	456213	56.996	ng	# 70
49) Acenaphthylene	9.757	152	1644999	48.595	ng	98
50) Dimethylphthalate	9.622	163	1240107	49.334	ng	96
51) 2,6-Dinitrotoluene	9.681	165	294881	59.475	ng	# 87
52) Acenaphthene	9.933	154	1090426	49.567	ng	99
53) 3-Nitroaniline	9.845	138	161777	28.463	ng	# 69
54) 2,4-Dinitrophenol	9.945	184	111572	55.994	ng	# 82
55) Dibenzofuran	10.104	168	1544630	47.009	ng	96
56) 4-Nitrophenol	10.004	139	412824	93.466	ng	# 69
57) 2,4-Dinitrotoluene	10.080	165	385454	63.293	ng	# 87
58) Fluorene	10.445	166	1138898	56.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	338807	51.567	ng	# 88
60) Diethylphthalate	10.322	149	1299387	50.677	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	547963	45.318	ng	# 86
62) 4-Nitroaniline	10.463	138	277508	53.212	ng	85
63) Azobenzene	10.598	77	1456306	49.244	ng	93
65) 4,6-Dinitro-2-methylph...	10.486	198	115303	37.344	ng	94
66) n-Nitrosodiphenylamine	10.557	169	1064404	48.456	ng	97
67) 4-Bromophenyl-phenylether	10.927	248	386906	49.386	ng	94
68) Hexachlorobenzene	10.992	284	418010	50.611	ng	# 89
69) Atrazine	11.086	200	376640	54.139	ng	91
70) Pentachlorophenol	11.186	266	435726	93.448	ng	93
71) Phenanthrene	11.404	178	1799698	47.293	ng	97
72) Anthracene	11.457	178	1866986	49.138	ng	97
73) Carbazole	11.610	167	1617419	44.781	ng	98
74) Di-n-butylphthalate	11.945	149	2034559	52.873	ng	99
75) Fluoranthene	12.592	202	1821446	47.480	ng	97
77) Benzidine	12.710	184	439851	35.120	ng	98
78) Pyrene	12.821	202	1852623	49.582	ng	96
80) Butylbenzylphthalate	13.445	149	772262	63.538	ng	# 85
81) Benzo(a)anthracene	14.010	228	1272351	47.083	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	285029	33.264	ng	97
83) Chrysene	14.045	228	1391593	50.897	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	909738	69.088	ng	# 99
85) Di-n-octyl phthalate	14.621	149	1648260	80.798	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.945	276	1575295	51.600	ng	# 91
88) Benzo(b)fluoranthene	15.057	252	1491757	53.332	ng	# 96
89) Benzo(k)fluoranthene	15.092	252	1220193	45.415	ng	97
90) Benzo(a)pyrene	15.427	252	1336773	59.199	ng	# 95
91) Dibenzo(a,h)anthracene	16.968	278	1316359	53.225	ng	# 94
92) Benzo(g,h,i)perylene	17.392	276	1313926	50.849	ng	# 91

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

