

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102721\
 Data File : BF125963.D
 Acq On : 27 Oct 2021 14:58
 Operator : JU/CG
 Sample : M4325-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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 10/29/2021 2:22:22 PM

Quant Time: Oct 28 08:58:03 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	179053	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	728198	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	404341	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	722239	20.000	ng	-0.01
76) Chrysene-d12	14.021	240	400455	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	430361	20.000	ng	-0.02

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System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1450894	120.699	ng	0.01
7) Phenol-d6	6.492	99	1693438	102.710	ng	0.00
23) Nitrobenzene-d5	7.428	82	1334325	94.648	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	505331	143.364	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2103883	92.016	ng	-0.01
79) Terphenyl-d14	12.968	244	2249094	91.868	ng	-0.01

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Target Compounds					Qvalue	
2) 1,4-Dioxane	2.804	88	248065	42.233	ng	# 100
3) Pyridine	3.510	79	461121	29.649	ng	88
4) n-Nitrosodimethylamine	3.434	42	410695	41.171	ng	# 56
6) Aniline	6.522	93	467457	24.070	ng	# 91
8) 2-Chlorophenol	6.645	128	633918	52.246	ng	# 78
9) Benzaldehyde	6.410	77	254271	25.773	ng	92
10) Phenol	6.504	94	693129m	43.601	ng	
11) bis(2-Chloroethyl)ether	6.598	93	674975	52.723	ng	# 82
12) 1,3-Dichlorobenzene	6.804	146	633127	47.237	ng	97
13) 1,4-Dichlorobenzene	6.881	146	639312	47.682	ng	95
14) 1,2-Dichlorobenzene	7.033	146	622682	47.911	ng	97
15) Benzyl Alcohol	7.004	79	621015	49.754	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1407728	44.900	ng	98
17) 2-Methylphenol	7.110	107	521793	49.789	ng	96
18) Hexachloroethane	7.375	117	250793	49.336	ng	92
19) n-Nitroso-di-n-propyla...	7.281	70	480983	51.060	ng	# 84
20) 3+4-Methylphenols	7.263	107	593714	44.318	ng	# 86
22) Acetophenone	7.275	105	888175	47.241	ng	93
24) Nitrobenzene	7.445	77	745152	51.193	ng	90
25) Isophorone	7.686	82	1336852	49.795	ng	# 87
26) 2-Nitrophenol	7.757	139	304525	64.525	ng	# 72
27) 2,4-Dimethylphenol	7.792	122	570244	54.414	ng	88
28) bis(2-Chloroethoxy)met...	7.892	93	843880	50.101	ng	# 96
29) 2,4-Dichlorophenol	7.998	162	507585	49.411	ng	93
30) 1,2,4-Trichlorobenzene	8.086	180	567230	47.078	ng	97
31) Naphthalene	8.163	128	1747216	47.188	ng	99
32) Benzoic acid	7.875	122	143761m	21.333	ng	
33) 4-Chloroaniline	8.204	127	173312	11.358	ng	# 91
34) Hexachlorobutadiene	8.286	225	342306	45.205	ng	99
35) Caprolactam	8.580	113	129108m	38.392	ng	
36) 4-Chloro-3-methylphenol	8.686	107	592250	49.262	ng	89
37) 2-Methylnaphthalene	8.857	142	1212223	50.862	ng	92
38) 1-Methylnaphthalene	8.957	142	1121270	48.745	ng	90
40) 1,2,4,5-Tetrachloroben...	9.022	216	518765	46.574	ng	98
41) Hexachlorocyclopentadiene	9.010	237	628329	104.444	ng	97
43) 2,4,6-Trichlorophenol	9.127	196	380384	50.038	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	394778	49.223	ng	97
46) 1,1'-Biphenyl	9.322	154	1390120	46.939	ng	98
47) 2-Chloronaphthalene	9.345	162	1077109	48.239	ng	97
48) 2-Nitroaniline	9.433	65	459585	57.625	ng	# 71
49) Acenaphthylene	9.757	152	1659334	49.196	ng	98
50) Dimethylphthalate	9.622	163	1240311	49.520	ng	# 95
51) 2,6-Dinitrotoluene	9.680	165	293459	59.402	ng	# 84
52) Acenaphthene	9.933	154	1079511	49.248	ng	98
53) 3-Nitroaniline	9.845	138	172038	30.377	ng	# 78
54) 2,4-Dinitrophenol	9.945	184	102730	52.284	ng	# 78
55) Dibenzofuran	10.104	168	1553652	47.454	ng	95
56) 4-Nitrophenol	10.004	139	409813	93.120	ng	# 66
57) 2,4-Dinitrotoluene	10.080	165	396612	65.361	ng	# 89
58) Fluorene	10.445	166	1127304	55.733	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	331134	50.582	ng	# 88
60) Diethylphthalate	10.321	149	1278555	50.045	ng	97
61) 4-Chlorophenyl-phenyle...	10.439	204	547636	45.455	ng	# 85
62) 4-Nitroaniline	10.463	138	278622	53.619	ng	# 84
63) Azobenzene	10.598	77	1450172	49.214	ng	92
65) 4,6-Dinitro-2-methylph...	10.486	198	106416	35.378	ng	96
66) n-Nitrosodiphenylamine	10.557	169	1070581	49.489	ng	97
67) 4-Bromophenyl-phenylether	10.927	248	387531	50.229	ng	95
68) Hexachlorobenzene	10.992	284	406084	49.925	ng	# 90
69) Atrazine	11.086	200	371555	54.232	ng	94
70) Pentachlorophenol	11.186	266	420969	91.675	ng	95
71) Phenanthrene	11.404	178	1782690	47.569	ng	96
72) Anthracene	11.457	178	1835718	49.060	ng	98
73) Carbazole	11.610	167	1627351	45.751	ng	99
74) Di-n-butylphthalate	11.945	149	2002532	52.843	ng	99
75) Fluoranthene	12.592	202	1834410	48.556	ng	98
77) Benzidine	12.710	184	414546	33.187	ng	97
78) Pyrene	12.821	202	1820524	48.851	ng	95
80) Butylbenzylphthalate	13.445	149	775583	63.979	ng	# 85
81) Benzo(a)anthracene	14.009	228	1293802	48.003	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	285144	33.365	ng	98
83) Chrysene	14.045	228	1397984	51.265	ng	97
84) Bis(2-ethylhexyl)phtha...	14.009	149	935964	71.267	ng	98
85) Di-n-octyl phthalate	14.621	149	1656215	81.402	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.945	276	1578936	50.927	ng	# 92
88) Benzo(b)fluoranthene	15.056	252	1509514	53.140	ng	# 96
89) Benzo(k)fluoranthene	15.086	252	1239812	45.438	ng	100
90) Benzo(a)pyrene	15.421	252	1376789	60.037	ng	96
91) Dibenzo(a,h)anthracene	16.968	278	1303796	51.909	ng	# 95
92) Benzo(g,h,i)perylene	17.392	276	1309613	49.905	ng	# 89

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

