

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132289.D
 Acq On : 02 Feb 2023 13:22
 Operator : CG\JU
 Sample : 01358-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 00:21:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	197047	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	753062	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	366120	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	621391	20.000	ng	0.00
76) Chrysene-d12	14.283	240	300734	20.000	ng	0.00
86) Perylene-d12	15.871	264	367248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1325846	108.155	ng	0.03
7) Phenol-d6	6.690	99	1553427	102.785	ng	0.00
23) Nitrobenzene-d5	7.637	82	1086133	80.259	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	516407	137.158	ng	0.00
45) 2-Fluorobiphenyl	9.437	172	1848165	77.953	ng	0.00
79) Terphenyl-d14	13.213	244	1689199	108.654	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.213	88	208901m	36.216	ng	
3) Pyridine	3.884	79	491916	31.435	ng	97
4) n-Nitrosodimethylamine	3.831	42	188951	37.736	ng	95
6) Aniline	6.731	93	218754m	10.666	ng	
8) 2-Chlorophenol	6.854	128	589519	46.432	ng	97
9) Benzaldehyde	6.625	77	260597	27.944	ng	95
10) Phenol	6.701	94	561266	35.880	ng	99
11) bis(2-Chloroethyl)ether	6.801	93	563987	43.808	ng	95
12) 1,3-Dichlorobenzene	7.013	146	562319	41.875	ng	98
13) 1,4-Dichlorobenzene	7.090	146	563832	42.064	ng	98
14) 1,2-Dichlorobenzene	7.237	146	547487	43.797	ng	99
15) Benzyl Alcohol	7.207	79	457192	41.458	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.337	45	540814	39.871	ng	96
17) 2-Methylphenol	7.307	107	444083	39.957	ng	99
18) Hexachloroethane	7.584	117	210226	41.807	ng	99
19) n-Nitroso-di-n-propyla...	7.478	70	327239	38.119	ng	98
20) 3+4-Methylphenols	7.460	107	545175	38.433	ng	96
22) Acetophenone	7.478	105	726751	41.037	ng	99
24) Nitrobenzene	7.654	77	552129	39.936	ng	97
25) Isophorone	7.890	82	1046322	40.736	ng	98
26) 2-Nitrophenol	7.966	139	316454	46.992	ng	95
27) 2,4-Dimethylphenol	7.995	122	508047	43.102	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	674984	42.763	ng	100
29) 2,4-Dichlorophenol	8.207	162	461809	44.129	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	495440	44.210	ng	98
31) Naphthalene	8.378	128	1502905	40.545	ng	99
32) Benzoic acid	8.084	122	236629m	27.121	ng	
33) 4-Chloroaniline	8.419	127	56427	3.433	ng	95
34) Hexachlorobutadiene	8.490	225	279347	44.341	ng	100
35) Caprolactam	8.795	113	127259m	35.670	ng	
36) 4-Chloro-3-methylphenol	8.895	107	482995	42.841	ng	95
37) 2-Methylnaphthalene	9.072	142	1018562	40.567	ng	99
38) 1-Methylnaphthalene	9.172	142	949634	40.698	ng	99
40) 1,2,4,5-Tetrachloroben...	9.237	216	467818	45.406	ng	100
41) Hexachlorocyclopentadiene	9.225	237	569750	94.783	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	337562	45.834	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.384	196	356531	42.059	ng	99
46) 1,1'-Biphenyl	9.537	154	1214350	43.023	ng	97
47) 2-Chloronaphthalene	9.566	162	949863	44.184	ng	99
48) 2-Nitroaniline	9.654	65	247425	38.699	ng	89
49) Acenaphthylene	9.984	152	1497459	42.679	ng	99
50) Dimethylphthalate	9.836	163	1109957	43.340	ng	99
51) 2,6-Dinitrotoluene	9.895	165	257660	45.048	ng	95
52) Acenaphthene	10.154	154	957845	43.605	ng	99
53) 3-Nitroaniline	10.066	138	100381	14.472	ng	93
54) 2,4-Dinitrophenol	10.172	184	164064	51.134	ng	94
55) Dibenzofuran	10.331	168	1299777	42.114	ng	99
56) 4-Nitrophenol	10.219	139	354682	67.951	ng	92
57) 2,4-Dinitrotoluene	10.307	165	332959	44.813	ng #	85
58) Fluorene	10.672	166	993277	41.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	277064	44.833	ng	99
60) Diethylphthalate	10.536	149	1112897	43.682	ng	99
61) 4-Chlorophenyl-phenyle...	10.660	204	490977	43.555	ng	96
62) 4-Nitroaniline	10.689	138	233947	35.172	ng	97
63) Azobenzene	10.825	77	962284	38.776	ng	95
65) 4,6-Dinitro-2-methylph...	10.713	198	138064	39.148	ng	95
66) n-Nitrosodiphenylamine	10.783	169	872086	44.819	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	307220	48.282	ng	96
68) Hexachlorobenzene	11.225	284	345073	50.738	ng	96
69) Atrazine	11.307	200	284674	50.864	ng	99
70) Pentachlorophenol	11.419	266	330448	70.716	ng	99
71) Phenanthrene	11.648	178	1406544	43.317	ng	100
72) Anthracene	11.701	178	1420291	42.980	ng	100
73) Carbazole	11.848	167	1187281	40.070	ng	100
74) Di-n-butylphthalate	12.172	149	1572221	44.882	ng	99
75) Fluoranthene	12.842	202	1230661	37.140	ng	99
77) Benzidine	12.954	184	153908	14.638	ng	98
78) Pyrene	13.077	202	1207725	49.930	ng	99
80) Butylbenzylphthalate	13.683	149	548054	51.284	ng	99
81) Benzo(a)anthracene	14.272	228	965482	45.901	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	124026	18.513	ng	97
83) Chrysene	14.313	228	898465	45.618	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	783842	54.264	ng	99
85) Di-n-octyl phthalate	14.877	149	1347599	57.198	ng	97
87) Indeno(1,2,3-cd)pyrene	17.524	276	1158253	47.465	ng	98
88) Benzo(b)fluoranthene	15.395	252	1021319	43.751	ng	98
89) Benzo(k)fluoranthene	15.424	252	999782	44.869	ng	99
90) Benzo(a)pyrene	15.801	252	923080	42.464	ng	99
91) Dibenzo(a,h)anthracene	17.548	278	949568	48.400	ng	98
92) Benzo(g,h,i)perylene	18.030	276	900097	44.409	ng	97

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

