

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132225.D
 Acq On : 30 Jan 2023 22:59
 Operator : CG\JU
 Sample : 01353-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/31/2023
 Supervised By : Jagrut Upadhyay 01/31/2023

Quant Time: Jan 31 00:35:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	204904	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	770411	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	403221	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	701353	20.000	ng	0.00
76) Chrysene-d12	14.295	240	345304	20.000	ng	0.00
86) Perylene-d12	15.883	264	404761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1227431	99.667	ng	0.02
7) Phenol-d6	6.695	99	1565578	101.386	ng	0.00
23) Nitrobenzene-d5	7.642	82	967165	65.723	ng	0.00
42) 2,4,6-Tribromophenol	10.930	330	410983	110.072	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1681729	61.370	ng	0.00
79) Terphenyl-d14	13.218	244	1423220	64.756	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.101	88	253361	40.875	ng	96
3) Pyridine	3.831	79	643499	37.799	ng	98
4) n-Nitrosodimethylamine	3.790	42	233400	40.964	ng	91
6) Aniline	6.742	93	668103m	30.898	ng	
8) 2-Chlorophenol	6.866	128	647613	52.445	ng	95
9) Benzaldehyde	6.631	77	449048	59.113	ng	98
10) Phenol	6.707	94	775251	48.226	ng	98
11) bis(2-Chloroethyl)ether	6.813	93	640224	46.170	ng	96
12) 1,3-Dichlorobenzene	7.025	146	679455	49.495	ng	98
13) 1,4-Dichlorobenzene	7.101	146	675013	49.323	ng	98
14) 1,2-Dichlorobenzene	7.254	146	655281	51.542	ng	98
15) Benzyl Alcohol	7.219	79	547850	48.284	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	704457	44.736	ng	97
17) 2-Methylphenol	7.319	107	523078	46.588	ng	98
18) Hexachloroethane	7.595	117	256569	51.020	ng	98
19) n-Nitroso-di-n-propyla...	7.489	70	414535	44.602	ng	95
20) 3+4-Methylphenols	7.472	107	660222	46.787	ng	93
22) Acetophenone	7.489	105	842774	44.741	ng	97
24) Nitrobenzene	7.666	77	666469	43.806	ng	94
25) Isophorone	7.901	82	1257846	44.445	ng	97
26) 2-Nitrophenol	7.978	139	320387	51.633	ng	96
27) 2,4-Dimethylphenol	8.007	122	576164	48.684	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	768023	44.078	ng	99
29) 2,4-Dichlorophenol	8.219	162	535957	48.501	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	592327	46.659	ng	99
31) Naphthalene	8.389	128	1700988	44.623	ng	99
32) Benzoic acid	8.101	122	345353m	44.211	ng	
33) 4-Chloroaniline	8.430	127	194290	11.757	ng	98
34) Hexachlorobutadiene	8.501	225	363966	45.897	ng	98
35) Caprolactam	8.813	113	174327m	55.716	ng	
36) 4-Chloro-3-methylphenol	8.907	107	549697	48.576	ng	99
37) 2-Methylnaphthalene	9.083	142	1165356	44.557	ng	100
38) 1-Methylnaphthalene	9.183	142	1087260	44.814	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	624280	46.133	ng	100
41) Hexachlorocyclopentadiene	9.236	237	673240	97.949	ng	99
43) 2,4,6-Trichlorophenol	9.354	196	413109	50.032	ng	99

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44) 2,4,5-Trichlorophenol	9.395	196	436891	45.183	ng	97
46) 1,1'-Biphenyl	9.548	154	1396843	44.952	ng	99
47) 2-Chloronaphthalene	9.577	162	1111584	46.089	ng	99
48) 2-Nitroaniline	9.666	65	311817	48.141	ng	92
49) Acenaphthylene	9.995	152	1686975	45.019	ng	99
50) Dimethylphthalate	9.848	163	1291049	47.179	ng	100
51) 2,6-Dinitrotoluene	9.907	165	294795	50.708	ng	93
52) Acenaphthene	10.172	154	1074506	46.637	ng	99
53) 3-Nitroaniline	10.077	138	196457	30.539	ng	96
54) 2,4-Dinitrophenol	10.183	184	182905	62.698	ng	91
55) Dibenzofuran	10.342	168	1536918	44.528	ng	100
56) 4-Nitrophenol	10.230	139	430142	92.547	ng	97
57) 2,4-Dinitrotoluene	10.313	165	377537	52.750	ng	93
58) Fluorene	10.689	166	1183580	44.893	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	343734	50.031	ng	98
60) Diethylphthalate	10.548	149	1271195	47.654	ng	99
61) 4-Chlorophenyl-phenylether	10.672	204	632053	45.447	ng	99
62) 4-Nitroaniline	10.701	138	267377	44.297	ng	94
63) Azobenzene	10.836	77	1219390	43.316	ng	96
65) 4,6-Dinitro-2-methylph...	10.719	198	145883	41.064	ng	95
66) n-Nitrosodiphenylamine	10.795	169	1044701	47.434	ng	100
67) 4-Bromophenyl-phenylether	11.166	248	397669	49.252	ng	92
68) Hexachlorobenzene	11.236	284	414112	51.761	ng	95
69) Atrazine	11.319	200	356272	56.361	ng	99
70) Pentachlorophenol	11.424	266	413836	78.370	ng	99
71) Phenanthrene	11.660	178	1662043	46.583	ng	99
72) Anthracene	11.713	178	1638225	45.090	ng	100
73) Carbazole	11.860	167	1393078	44.634	ng	100
74) Di-n-butylphthalate	12.183	149	1779973	50.128	ng	99
75) Fluoranthene	12.854	202	1528533	42.105	ng	99
77) Benzidine	12.971	184	453017	50.262	ng	98
78) Pyrene	13.089	202	1479373	45.725	ng	99
80) Butylbenzylphthalate	13.695	149	546947	50.174	ng	94
81) Benzo(a)anthracene	14.283	228	1147777	47.275	ng	99
82) 3,3'-Dichlorobenzidine	14.236	252	170967	25.986	ng	97
83) Chrysene	14.318	228	1060134	46.856	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	782818	55.456	ng	99
85) Di-n-octyl phthalate	14.889	149	1198246	56.434	ng	97
87) Indeno(1,2,3-cd)pyrene	17.536	276	1193061	44.582	ng	98
88) Benzo(b)fluoranthene	15.406	252	1182549	47.570	ng	99
89) Benzo(k)fluoranthene	15.436	252	1159573	45.206	ng	99
90) Benzo(a)pyrene	15.812	252	1087029	46.333	ng	99
91) Dibenzo(a,h)anthracene	17.559	278	969294	44.300	ng	99
92) Benzo(g,h,i)perylene	18.042	276	910526	40.815	ng	99

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

