

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133057.D
 Acq On : 26 Apr 2023 10:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Quant Time: Apr 27 01:52:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	232001	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	900381	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	472835	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	834348	20.000	ng	0.00
76) Chrysene-d12	13.898	240	510360	20.000	ng	0.00
86) Perylene-d12	15.315	264	400487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1144258	74.505	ng	0.00
7) Phenol-d6	6.387	99	1407296	73.825	ng	0.00
23) Nitrobenzene-d5	7.310	82	1242876	74.509	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	381946	80.321	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	2114107	74.802	ng	0.00
79) Terphenyl-d14	12.851	244	2305571	77.913	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.405	88	261016	36.641	ng	97
3) Pyridine	3.104	79	716770	37.883	ng	98
4) n-Nitrosodimethylamine	3.069	42	331001	33.775	ng	96
6) Aniline	6.410	93	901245	36.707	ng	99
8) 2-Chlorophenol	6.528	128	584878	37.508	ng	98
9) Benzaldehyde	6.287	77	362321	41.886	ng	99
10) Phenol	6.398	94	740870	35.230	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	580142	36.763	ng	100
12) 1,3-Dichlorobenzene	6.687	146	623375	37.601	ng	97
13) 1,4-Dichlorobenzene	6.763	146	625450	37.643	ng	97
14) 1,2-Dichlorobenzene	6.916	146	573136	37.415	ng	98
15) Benzyl Alcohol	6.887	79	470415	35.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	946843	34.545	ng	96
17) 2-Methylphenol	7.004	107	553472	38.762	ng	98
18) Hexachloroethane	7.257	117	213489	36.957	ng	99
19) n-Nitroso-di-n-propyla...	7.163	70	404083	34.050	ng	100
20) 3+4-Methylphenols	7.163	107	617581	36.727	ng	# 80
22) Acetophenone	7.157	105	773759	37.098	ng	99
24) Nitrobenzene	7.328	77	627292	37.111	ng	99
25) Isophorone	7.569	82	1182729	37.344	ng	100
26) 2-Nitrophenol	7.645	139	337049	41.341	ng	92
27) 2,4-Dimethylphenol	7.687	122	533882	38.189	ng	98
28) bis(2-Chloroethoxy)met...	7.781	93	702978	37.520	ng	100
29) 2,4-Dichlorophenol	7.886	162	501236	39.385	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	508413	38.561	ng	100
31) Naphthalene	8.051	128	1672014	37.142	ng	99
32) Benzoic acid	7.816	122	413788m	47.918	ng	
33) 4-Chloroaniline	8.098	127	733792	40.344	ng	98
34) Hexachlorobutadiene	8.169	225	285840	39.116	ng	99
35) Caprolactam	8.481	113	178507	41.753	ng	# 81
36) 4-Chloro-3-methylphenol	8.581	107	541128	39.429	ng	98
37) 2-Methylnaphthalene	8.739	142	1171455	38.063	ng	100
38) 1-Methylnaphthalene	8.839	142	1088963	37.823	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	469778	36.952	ng	99
41) Hexachlorocyclopentadiene	8.892	237	294107	39.667	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	338190	38.465	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	396029	38.948	ng	99
46) 1,1'-Biphenyl	9.204	154	1386432	36.978	ng	99
47) 2-Chloronaphthalene	9.228	162	1018631	37.118	ng	99
48) 2-Nitroaniline	9.322	65	339459	37.428	ng	95
49) Acenaphthylene	9.639	152	1632805	37.236	ng	100
50) Dimethylphthalate	9.510	163	1256531	38.111	ng	98
51) 2,6-Dinitrotoluene	9.563	165	294300	39.660	ng	95
52) Acenaphthene	9.816	154	1098071	37.390	ng	99
53) 3-Nitroaniline	9.733	138	345383	39.144	ng	97
54) 2,4-Dinitrophenol	9.833	184	166311	44.588	ng	95
55) Dibenzofuran	9.986	168	1490745	37.212	ng	99
56) 4-Nitrophenol	9.892	139	267223	39.103	ng	91
57) 2,4-Dinitrotoluene	9.969	165	380500	40.207	ng	88
58) Fluorene	10.328	166	1080038	36.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	301739	38.277	ng	98
60) Diethylphthalate	10.204	149	1200969	38.564	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	532860	37.255	ng	99
62) 4-Nitroaniline	10.351	138	339703	41.890	ng	94
63) Azobenzene	10.480	77	1193649	36.182	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	220623	43.626	ng	83
66) n-Nitrosodiphenylamine	10.439	169	1014723	37.493	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	345573	38.189	ng	99
68) Hexachlorobenzene	10.875	284	355325	38.321	ng	97
69) Atrazine	10.969	200	312812	40.113	ng	99
70) Pentachlorophenol	11.069	266	263501	39.902	ng	97
71) Phenanthrene	11.286	178	1633871	36.435	ng	99
72) Anthracene	11.339	178	1705416	37.161	ng	100
73) Carbazole	11.492	167	1505696	36.846	ng	99
74) Di-n-butylphthalate	11.827	149	1885431	40.771	ng	100
75) Fluoranthene	12.469	202	1673597	37.186	ng	100
77) Benzidine	12.592	184	439605	50.936	ng	# 92
78) Pyrene	12.698	202	1730935	39.565	ng	99
80) Butylbenzylphthalate	13.321	149	729416	47.088	ng	96
81) Benzo(a)anthracene	13.886	228	1312007	37.384	ng	100
82) 3,3'-Dichlorobenzidine	13.851	252	423246	43.655	ng	100
83) Chrysene	13.921	228	1327697	37.840	ng	99
84) Bis(2-ethylhexyl)phtha...	13.886	149	786762	40.464	ng	100
85) Di-n-octyl phthalate	14.498	149	1213657	38.281	ng	98
87) Indeno(1,2,3-cd)pyrene	16.698	276	1064425	46.725	ng	100
88) Benzo(b)fluoranthene	14.910	252	976652	38.332	ng	99
89) Benzo(k)fluoranthene	14.939	252	992408	39.293	ng	99
90) Benzo(a)pyrene	15.257	252	890894	38.416	ng	99
91) Dibenzo(a,h)anthracene	16.715	278	893950	47.050	ng	99
92) Benzo(g,h,i)perylene	17.115	276	907604	48.385	ng	97

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

