

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132315.D
 Acq On : 03 Feb 2023 10:43
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 01:35:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	228425	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	819720	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	408864	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	729469	20.000	ng	0.00
76) Chrysene-d12	14.271	240	377391	20.000	ng	0.00
86) Perylene-d12	15.854	264	345886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	1019462	71.738	ng	0.00
7) Phenol-d6	6.678	99	1250087	71.352	ng	0.00
23) Nitrobenzene-d5	7.631	82	1067200	72.448	ng	0.00
42) 2,4,6-Tribromophenol	10.907	330	362597	86.238	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1876321	70.867	ng	0.00
79) Terphenyl-d14	13.201	244	1861802	95.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.990	88	248617	37.181	ng	96
3) Pyridine	3.749	79	652165	35.951	ng	97
4) n-Nitrosodimethylamine	3.719	42	196839	33.911	ng	96
6) Aniline	6.725	93	859299m	36.144	ng	
8) 2-Chlorophenol	6.848	128	553095	37.579	ng	95
9) Benzaldehyde	6.613	77	341586	32.858	ng	99
10) Phenol	6.695	94	645776	35.612	ng	95
11) bis(2-Chloroethyl)ether	6.795	93	543112	36.391	ng	95
12) 1,3-Dichlorobenzene	7.001	146	589748	37.885	ng	99
13) 1,4-Dichlorobenzene	7.078	146	596025	38.357	ng	98
14) 1,2-Dichlorobenzene	7.237	146	545573	37.648	ng	97
15) Benzyl Alcohol	7.195	79	459575	35.950	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.331	45	509246	32.387	ng	95
17) 2-Methylphenol	7.301	107	475748	36.926	ng	98
18) Hexachloroethane	7.578	117	221170	37.942	ng	99
19) n-Nitroso-di-n-propyla...	7.472	70	319092	32.064	ng	97
20) 3+4-Methylphenols	7.454	107	600232	36.502	ng	97
22) Acetophenone	7.472	105	701319	36.380	ng	98
24) Nitrobenzene	7.648	77	540430	35.911	ng	94
25) Isophorone	7.884	82	1028575	36.789	ng	96
26) 2-Nitrophenol	7.960	139	300624	41.011	ng	93
27) 2,4-Dimethylphenol	7.989	122	505593	39.405	ng	98
28) bis(2-Chloroethoxy)met...	8.089	93	639940	37.246	ng	98
29) 2,4-Dichlorophenol	8.201	162	459234	40.314	ng	98
30) 1,2,4-Trichlorobenzene	8.289	180	496184	40.676	ng	98
31) Naphthalene	8.372	128	1536227	38.073	ng	99
32) Benzoic acid	8.101	122	390276m	41.094	ng	
33) 4-Chloroaniline	8.413	127	688426	38.476	ng	99
34) Hexachlorobutadiene	8.484	225	287178	41.877	ng	100
35) Caprolactam	8.795	113	152928	39.379	ng	88
36) 4-Chloro-3-methylphenol	8.889	107	478745	39.011	ng	94
37) 2-Methylnaphthalene	9.066	142	1058917	38.744	ng	100
38) 1-Methylnaphthalene	9.166	142	979101	38.549	ng	99
40) 1,2,4,5-Tetrachloroben...	9.231	216	463263	40.263	ng	99
41) Hexachlorocyclopentadiene	9.213	237	271055	40.378	ng	99
43) 2,4,6-Trichlorophenol	9.336	196	334154	40.628	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	385948	40.769	ng	98
46) 1,1'-Biphenyl	9.531	154	1210821	38.413	ng	97
47) 2-Chloronaphthalene	9.560	162	926258	38.581	ng	98
48) 2-Nitroaniline	9.648	65	250530	35.088	ng	85
49) Acenaphthylene	9.978	152	1502395	38.344	ng	99
50) Dimethylphthalate	9.825	163	1129669	39.498	ng	98
51) 2,6-Dinitrotoluene	9.889	165	260410	40.769	ng	89
52) Acenaphthene	10.148	154	939688	38.307	ng	100
53) 3-Nitroaniline	10.066	138	298903	38.587	ng	93
54) 2,4-Dinitrophenol	10.166	184	134613	38.717	ng #	83
55) Dibenzofuran	10.319	168	1316787	38.205	ng	100
56) 4-Nitrophenol	10.207	139	223075	38.270	ng	96
57) 2,4-Dinitrotoluene	10.295	165	338047	40.741	ng	91
58) Fluorene	10.666	166	998154	37.630	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.430	232	286349	41.492	ng	98
60) Diethylphthalate	10.525	149	1138677	40.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.654	204	500613	39.767	ng	99
62) 4-Nitroaniline	10.683	138	276673	37.247	ng	98
63) Azobenzene	10.813	77	972746	35.099	ng	96
65) 4,6-Dinitro-2-methylph...	10.707	198	180730	43.653	ng	93
66) n-Nitrosodiphenylamine	10.772	169	900020	39.402	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	318930	42.696	ng	99
68) Hexachlorobenzene	11.213	284	338208	42.361	ng	100
69) Atrazine	11.295	200	288636	43.931	ng	97
70) Pentachlorophenol	11.407	266	238396	43.458	ng	99
71) Phenanthrene	11.636	178	1448062	37.988	ng	100
72) Anthracene	11.689	178	1488938	38.381	ng	99
73) Carbazole	11.842	167	1287254	37.007	ng	100
74) Di-n-butylphthalate	12.160	149	1674372	40.717	ng	100
75) Fluoranthene	12.836	202	1422907	36.579	ng	98
77) Benzidine	12.948	184	510742	38.710	ng	99
78) Pyrene	13.066	202	1428611	47.065	ng	100
80) Butylbenzylphthalate	13.677	149	627865	46.818	ng	95
81) Benzo(a)anthracene	14.260	228	1052724	39.883	ng	99
82) 3,3'-Dichlorobenzidine	14.218	252	321184	38.204	ng	99
83) Chrysene	14.301	228	964016	39.004	ng	100
84) Bis(2-ethylhexyl)phtha...	14.230	149	799115	44.085	ng	99
85) Di-n-octyl phthalate	14.865	149	1144980	38.726	ng	97
87) Indeno(1,2,3-cd)pyrene	17.501	276	1020473	44.401	ng	98
88) Benzo(b)fluoranthene	15.377	252	870790	39.606	ng	99
89) Benzo(k)fluoranthene	15.412	252	826354	39.376	ng	100
90) Benzo(a)pyrene	15.789	252	818316	39.970	ng	99
91) Dibenzo(a,h)anthracene	17.518	278	833870	45.128	ng	99
92) Benzo(g,h,i)perylene	18.006	276	845663	44.300	ng	97

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

