

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137044.D
 Acq On : 12 Jan 2024 13:00
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/15/2024
 Supervised By :mohammad ahmed 01/16/2024

Quant Time: Jan 12 14:59:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	54797	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	217569	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	111629	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	208765	20.000	ng	0.00
76) Chrysene-d12	13.974	240	109200	20.000	ng	0.00
86) Perylene-d12	15.463	264	107755	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	291613	83.034	ng	0.00
7) Phenol-d6	6.440	99	366994	80.646	ng	0.00
23) Nitrobenzene-d5	7.351	82	336176	79.067	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	104721	79.655	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	687699	82.859	ng	-0.01
79) Terphenyl-d14	12.910	244	675272	86.417	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	59303	40.527	ng	96
3) Pyridine	3.299	79	141011	39.496	ng	95
4) n-Nitrosodimethylamine	3.269	42	71120	37.302	ng	93
6) Aniline	6.457	93	175325	38.535	ng	# 57
8) 2-Chlorophenol	6.581	128	159588	41.524	ng	93
9) Benzaldehyde	6.346	77	102228	39.494	ng	98
10) Phenol	6.451	94	191585	39.438	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	147379	39.893	ng	97
12) 1,3-Dichlorobenzene	6.728	146	176171	42.019	ng	98
13) 1,4-Dichlorobenzene	6.804	146	175726	41.020	ng	97
14) 1,2-Dichlorobenzene	6.957	146	162690	40.813	ng	98
15) Benzyl Alcohol	6.934	79	116767	38.034	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	232146	38.435	ng	80
17) 2-Methylphenol	7.051	107	125315	39.359	ng	93
18) Hexachloroethane	7.293	117	62606	40.241	ng	# 89
19) n-Nitroso-di-n-propyla...	7.204	70	110969	40.227	ng	94
20) 3+4-Methylphenols	7.204	107	164119	41.260	ng	# 72
22) Acetophenone	7.198	105	220273	40.392	ng	# 89
24) Nitrobenzene	7.375	77	167894	39.419	ng	92
25) Isophorone	7.610	82	300682	38.865	ng	98
26) 2-Nitrophenol	7.687	139	83145	40.802	ng	99
27) 2,4-Dimethylphenol	7.728	122	99816	40.234	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	186653	39.691	ng	98
29) 2,4-Dichlorophenol	7.934	162	127535	39.930	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	144401	40.578	ng	97
31) Naphthalene	8.087	128	483943	40.488	ng	99
32) Benzoic acid	7.869	122	80593m	33.574	ng	
33) 4-Chloroaniline	8.140	127	169596	38.430	ng	98
34) Hexachlorobutadiene	8.198	225	87387	40.418	ng	98
35) Caprolactam	8.522	113	41429m	39.319	ng	
36) 4-Chloro-3-methylphenol	8.634	107	143092	39.796	ng	98
37) 2-Methylnaphthalene	8.781	142	308314	40.080	ng	99
38) 1-Methylnaphthalene	8.875	142	302370	40.066	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	142790	41.304	ng	98
41) Hexachlorocyclopentadiene	8.928	237	36482	35.969	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	88799	40.052	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	97190	39.338	ng	95
46) 1,1'-Biphenyl	9.245	154	386102	41.218	ng	98
47) 2-Chloronaphthalene	9.269	162	291879	40.987	ng	99
48) 2-Nitroaniline	9.375	65	87042	39.032	ng	91
49) Acenaphthylene	9.686	152	440863	40.503	ng	99
50) Dimethylphthalate	9.545	163	327898	40.215	ng	100
51) 2,6-Dinitrotoluene	9.616	165	75416	40.755	ng	94
52) Acenaphthene	9.857	154	273545	40.542	ng	99
53) 3-Nitroaniline	9.786	138	75455	38.493	ng	96
54) 2,4-Dinitrophenol	9.904	184	40645	41.516	ng	# 91
55) Dibenzofuran	10.028	168	408685	39.958	ng	99
56) 4-Nitrophenol	9.975	139	58303	44.059	ng	93
57) 2,4-Dinitrotoluene	10.028	165	93026	38.724	ng	96
58) Fluorene	10.375	166	337044	41.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	73544	38.670	ng	95
60) Diethylphthalate	10.245	149	333712	39.446	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	160382	40.658	ng	99
62) 4-Nitroaniline	10.404	138	69920m	37.000	ng	
63) Azobenzene	10.528	77	303613	38.424	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	45311	37.872	ng	97
66) n-Nitrosodiphenylamine	10.486	169	283724	41.837	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	95818	41.328	ng	97
68) Hexachlorobenzene	10.928	284	108073	41.828	ng	95
69) Atrazine	11.016	200	67664	39.010	ng	99
70) Pentachlorophenol	11.128	266	47955	39.819	ng	96
71) Phenanthrene	11.339	178	435528	40.658	ng	99
72) Anthracene	11.392	178	450394	41.518	ng	99
73) Carbazole	11.557	167	408540	39.944	ng	99
74) Di-n-butylphthalate	11.880	149	511788	41.007	ng	98
75) Fluoranthene	12.539	202	455337	39.740	ng	99
77) Benzidine	12.663	184	116821	36.282	ng	99
78) Pyrene	12.769	202	449838	41.963	ng	99
80) Butylbenzylphthalate	13.386	149	167308	42.893	ng	98
81) Benzo(a)anthracene	13.963	228	316416	41.729	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	93180	43.270	ng	98
83) Chrysene	14.004	228	300315	40.500	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	223362	45.512	ng	97
85) Di-n-octyl phthalate	14.563	149	333812	43.972	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.992	276	345099	44.357	ng	100
88) Benzo(b)fluoranthene	15.027	252	269230	37.408	ng	99
89) Benzo(k)fluoranthene	15.057	252	267007	39.263	ng	98
90) Benzo(a)pyrene	15.404	252	246478	40.572	ng	97
91) Dibenzo(a,h)anthracene	17.004	278	285621	44.749	ng	98
92) Benzo(g,h,i)perylene	17.457	276	291391	44.574	ng	99

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

