

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136398.D
 Acq On : 05 Dec 2023 10:04
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 05 10:41:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142619	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	602027	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	320333	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	597116	20.000	ng	0.00
76) Chrysene-d12	13.992	240	312287	20.000	ng	0.01
86) Perylene-d12	15.474	264	285938	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	738513	72.073	ng	0.00
7) Phenol-d6	6.451	99	943843	73.668	ng	0.00
23) Nitrobenzene-d5	7.375	82	872922	76.621	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	310116	79.185	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1831025	73.011	ng	0.00
79) Terphenyl-d14	12.933	244	2035633	75.190	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.598	88	191354	49.355	ng 95
3) Pyridine	3.357	79	440417	46.017	ng 93
4) n-Nitrosodimethylamine	3.340	42	160784	33.235	ng 81
6) Aniline	6.475	93	609766	50.353	ng 96
8) 2-Chlorophenol	6.598	128	413646	37.075	ng 91
9) Benzaldehyde	6.363	77	255671	35.804	ng 96
10) Phenol	6.463	94	498236	36.248	ng 91
11) bis(2-Chloroethyl)ether	6.551	93	379227	37.608	ng 95
12) 1,3-Dichlorobenzene	6.745	146	430464	33.998	ng 96
13) 1,4-Dichlorobenzene	6.822	146	436585	33.919	ng 96
14) 1,2-Dichlorobenzene	6.975	146	417255	34.242	ng 97
15) Benzyl Alcohol	6.951	79	348302	38.774	ng 96
16) 2,2'-oxybis(1-Chloropr...	7.086	45	494669	35.318	ng 96
17) 2-Methylphenol	7.063	107	365653	41.687	ng 98
18) Hexachloroethane	7.316	117	153921	34.092	ng 88
19) n-Nitroso-di-n-propyla...	7.228	70	287968	37.580	ng 94
20) 3+4-Methylphenols	7.222	107	439647	38.566	ng 95
22) Acetophenone	7.222	105	576081	36.435	ng # 93
24) Nitrobenzene	7.392	77	423524	36.684	ng 95
25) Isophorone	7.628	82	811267	39.492	ng 97
26) 2-Nitrophenol	7.704	139	219358	44.593	ng 95
27) 2,4-Dimethylphenol	7.745	122	348763	53.866	ng 93
28) bis(2-Chloroethoxy)met...	7.839	93	486351	39.141	ng 96
29) 2,4-Dichlorophenol	7.945	162	351111	40.205	ng 97
30) 1,2,4-Trichlorobenzene	8.028	180	384163	35.930	ng 99
31) Naphthalene	8.110	128	1271273	37.569	ng 98
32) Benzoic acid	7.880	122	278441	47.187	ng 100
33) 4-Chloroaniline	8.157	127	531196	46.182	ng 98
34) Hexachlorobutadiene	8.222	225	223490	35.728	ng 100
35) Caprolactam	8.545	113	115098	47.145	ng 99
36) 4-Chloro-3-methylphenol	8.645	107	381394	40.267	ng 96
37) 2-Methylnaphthalene	8.798	142	848959	39.995	ng 97
38) 1-Methylnaphthalene	8.898	142	790853	38.193	ng 94
40) 1,2,4,5-Tetrachloroben...	8.963	216	390285	38.283	ng 99
41) Hexachlorocyclopentadiene	8.951	237	174287	44.430	ng 99
43) 2,4,6-Trichlorophenol	9.080	196	258052	38.998	ng 93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	295326	40.898	ng	99
46) 1,1'-Biphenyl	9.269	154	1067672	37.796	ng	97
47) 2-Chloronaphthalene	9.292	162	778034	35.466	ng	97
48) 2-Nitroaniline	9.386	65	238910	41.713	ng	90
49) Acenaphthylene	9.704	152	1228708	39.248	ng	98
50) Dimethylphthalate	9.574	163	986480	40.744	ng	# 98
51) 2,6-Dinitrotoluene	9.633	165	204966	41.439	ng	100
52) Acenaphthene	9.880	154	750074	37.914	ng	96
53) 3-Nitroaniline	9.804	138	226489	46.149	ng	98
54) 2,4-Dinitrophenol	9.910	184	124090	53.942	ng	94
55) Dibenzofuran	10.051	168	1123434	38.161	ng	98
56) 4-Nitrophenol	9.969	139	158088	42.412	ng	# 83
57) 2,4-Dinitrotoluene	10.039	165	274494	41.546	ng	93
58) Fluorene	10.398	166	875808	37.927	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	229564	39.955	ng	98
60) Diethylphthalate	10.274	149	953867	39.385	ng	96
61) 4-Chlorophenyl-phenyle...	10.386	204	441585	39.378	ng	96
62) 4-Nitroaniline	10.421	138	220279	45.854	ng	95
63) Azobenzene	10.551	77	857241	38.180	ng	93
65) 4,6-Dinitro-2-methylph...	10.451	198	149335	45.734	ng	92
66) n-Nitrosodiphenylamine	10.510	169	790482	41.310	ng	96
67) 4-Bromophenyl-phenylether	10.880	248	281897	40.466	ng	95
68) Hexachlorobenzene	10.945	284	295966	36.709	ng	95
69) Atrazine	11.039	200	186388	32.835	ng	95
70) Pentachlorophenol	11.139	266	171092	37.541	ng	97
71) Phenanthrene	11.363	178	1313224	39.130	ng	99
72) Anthracene	11.416	178	1352647	40.191	ng	99
73) Carbazole	11.568	167	1130453	39.493	ng	100
74) Di-n-butylphthalate	11.904	149	1531006	42.748	ng	98
75) Fluoranthene	12.557	202	1277795	37.505	ng	96
77) Benzidine	12.674	184	247472	48.208	ng	99
78) Pyrene	12.786	202	1241336	36.295	ng	97
80) Butylbenzylphthalate	13.410	149	510661	47.976	ng	98
81) Benzo(a)anthracene	13.980	228	868560	37.445	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	298495	53.460	ng	98
83) Chrysene	14.015	228	852309	38.056	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	658086	51.516	ng	# 98
85) Di-n-octyl phthalate	14.592	149	1001641	48.249	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	799675	38.006	ng	99
88) Benzo(b)fluoranthene	15.039	252	695975	34.693	ng	98
89) Benzo(k)fluoranthene	15.068	252	706437	37.077	ng	97
90) Benzo(a)pyrene	15.415	252	670232	40.869	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	665387	39.309	ng	99
92) Benzo(g,h,i)perylene	17.456	276	635730	37.370	ng	99

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

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