

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141628.D
 Acq On : 14 Feb 2025 09:45
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 14 11:12:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	103235	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	408887	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	222735	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	379641	20.000	ng	0.00
76) Chrysene-d12	13.957	240	232432	20.000	ng	0.00
86) Perylene-d12	15.415	264	185535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	528012	80.185	ng	0.00
7) Phenol-d6	6.434	99	649590	78.049	ng	0.00
23) Nitrobenzene-d5	7.357	82	601209	76.691	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	176996	79.105	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1140335	78.876	ng	0.00
79) Terphenyl-d14	12.898	244	1151308	83.620	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	104365	39.379	ng	98
3) Pyridine	3.204	79	241794	38.339	ng	95
4) n-Nitrosodimethylamine	3.163	42	154204	36.927	ng	93
6) Aniline	6.457	93	240806	30.844	ng	94
8) 2-Chlorophenol	6.581	128	284940	40.046	ng	99
9) Benzaldehyde	6.339	77	215729	48.777	ng	99
10) Phenol	6.445	94	334933	38.665	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	259097	39.822	ng	100
12) 1,3-Dichlorobenzene	6.728	146	303563	40.412	ng	97
13) 1,4-Dichlorobenzene	6.804	146	307205	40.027	ng	99
14) 1,2-Dichlorobenzene	6.957	146	286789	40.261	ng	99
15) Benzyl Alcohol	6.934	79	240949	37.752	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	418656	37.589	ng	68
17) 2-Methylphenol	7.051	107	218529	39.246	ng	98
18) Hexachloroethane	7.298	117	114908	40.455	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	195301	39.230	ng	96
20) 3+4-Methylphenols	7.204	107	276797	39.116	ng	99
22) Acetophenone	7.198	105	395306	38.865	ng	# 95
24) Nitrobenzene	7.375	77	296352	38.767	ng	98
25) Isophorone	7.610	82	488521	39.083	ng	99
26) 2-Nitrophenol	7.686	139	153320	40.313	ng	97
27) 2,4-Dimethylphenol	7.734	122	178748	40.232	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	320824	40.055	ng	100
29) 2,4-Dichlorophenol	7.939	162	245043	40.820	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	259227	39.654	ng	99
31) Naphthalene	8.092	128	837949	39.370	ng	100
32) Benzoic acid	7.869	122	162909	35.300	ng	98
33) 4-Chloroaniline	8.145	127	257469	34.648	ng	100
34) Hexachlorobutadiene	8.204	225	157090	40.028	ng	98
35) Caprolactam	8.522	113	72867	39.867	ng	93
36) 4-Chloro-3-methylphenol	8.633	107	260038	39.105	ng	100
37) 2-Methylnaphthalene	8.780	142	547697	39.544	ng	99
38) 1-Methylnaphthalene	8.880	142	526093	39.219	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	259636	40.291	ng	99
41) Hexachlorocyclopentadiene	8.933	237	75729	35.332	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	164866	39.585	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	177394	39.301	ng	98
46) 1,1'-Biphenyl	9.245	154	689968	39.956	ng	100
47) 2-Chloronaphthalene	9.275	162	505227	39.566	ng	99
48) 2-Nitroaniline	9.375	65	163788	38.220	ng	95
49) Acenaphthylene	9.686	152	740665	38.997	ng	100
50) Dimethylphthalate	9.551	163	605202	40.024	ng	99
51) 2,6-Dinitrotoluene	9.616	165	132084	39.958	ng	96
52) Acenaphthene	9.857	154	492013	38.533	ng	99
53) 3-Nitroaniline	9.786	138	135841	38.182	ng	98
54) 2,4-Dinitrophenol	9.898	184	74012	37.673	ng	90
55) Dibenzofuran	10.027	168	738708	39.414	ng	100
56) 4-Nitrophenol	9.963	139	90604	34.306	ng	92
57) 2,4-Dinitrotoluene	10.022	165	174433	39.640	ng	99
58) Fluorene	10.374	166	568578	39.235	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	151230	38.916	ng	98
60) Diethylphthalate	10.245	149	598567	40.234	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	279478	40.088	ng	100
62) 4-Nitroaniline	10.398	138	123326	34.138	ng	98
63) Azobenzene	10.527	77	586409	39.649	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	104117	39.480	ng	96
66) n-Nitrosodiphenylamine	10.486	169	489614	40.289	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	175921	41.462	ng	98
68) Hexachlorobenzene	10.922	284	177235	40.565	ng	100
69) Atrazine	11.010	200	118764	32.575	ng	100
70) Pentachlorophenol	11.122	266	101520	36.339	ng	98
71) Phenanthrene	11.333	178	822531	39.360	ng	100
72) Anthracene	11.386	178	818329	38.955	ng	100
73) Carbazole	11.545	167	721508	38.171	ng	99
74) Di-n-butylphthalate	11.869	149	892760	40.904	ng	100
75) Fluoranthene	12.521	202	844082	38.098	ng	100
77) Benzidine	12.663	184	78319	15.278	ng	99
78) Pyrene	12.751	202	842862	42.598	ng	100
80) Butylbenzylphthalate	13.368	149	302575	44.150	ng	99
81) Benzo(a)anthracene	13.945	228	609957	39.478	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	153111	34.594	ng	98
83) Chrysene	13.980	228	557596	39.085	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	355788	46.030	ng	100
85) Di-n-octyl phthalate	14.557	149	497916	45.155	ng	99
87) Indeno(1,2,3-cd)pyrene	16.862	276	534795	46.650	ng	100
88) Benzo(b)fluoranthene	14.998	252	467218	37.504	ng	99
89) Benzo(k)fluoranthene	15.027	252	443427	41.684	ng	98
90) Benzo(a)pyrene	15.357	252	404529	40.130	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	433742	46.693	ng	99
92) Benzo(g,h,i)perylene	17.298	276	460371	47.360	ng	99

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

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