

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	99818	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	366214	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	204323	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	393427	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	249750	20.000	ng	0.00
86) Perylene-d12	15.557	264	225636	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	483405	82.629	ng	0.00
7) Phenol-d6	6.510	99	621929	80.413	ng	0.00
23) Nitrobenzene-d5	7.434	82	582472	81.356	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190007	86.950	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1136362	82.865	ng	-0.02
79) Terphenyl-d14	12.980	244	1256618	78.347	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.628	88	95652	38.887	ng	98
3) Pyridine	3.410	79	210365	38.870	ng	98
4) n-Nitrosodimethylamine	3.369	42	119612	37.604	ng	98
6) Aniline	6.528	93	231483	42.523	ng	# 62
8) 2-Chlorophenol	6.657	128	261516	41.550	ng	95
9) Benzaldehyde	6.416	77	152023	37.130	ng	99
10) Phenol	6.528	94	321227	40.669	ng	92
11) bis(2-Chloroethyl)ether	6.598	93	254176	42.053	ng	98
12) 1,3-Dichlorobenzene	6.798	146	293192	41.457	ng	99
13) 1,4-Dichlorobenzene	6.875	146	294864	41.177	ng	99
14) 1,2-Dichlorobenzene	7.034	146	277315	41.328	ng	99
15) Benzyl Alcohol	7.010	79	225999	39.403	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	275943	38.645	ng	65
17) 2-Methylphenol	7.128	107	203302	40.351	ng	94
18) Hexachloroethane	7.369	117	110611	41.357	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	180826	39.560	ng	96
20) 3+4-Methylphenols	7.281	107	270788	41.814	ng	95
22) Acetophenone	7.275	105	365241	40.909	ng	96
24) Nitrobenzene	7.451	77	296666	40.092	ng	98
25) Isophorone	7.687	82	477120	39.954	ng	100
26) 2-Nitrophenol	7.763	139	142078	43.327	ng	97
27) 2,4-Dimethylphenol	7.804	122	168237m	42.880	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	296652	40.778	ng	99
29) 2,4-Dichlorophenol	8.016	162	220046	42.325	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	251426	42.356	ng	99
31) Naphthalene	8.163	128	782053	41.459	ng	100
32) Benzoic acid	7.975	122	198086	56.516	ng	98
33) 4-Chloroaniline	8.228	127	248612	44.020	ng	99
34) Hexachlorobutadiene	8.275	225	170175	43.283	ng	99
35) Caprolactam	8.610	113	65942m	40.986	ng	
36) 4-Chloro-3-methylphenol	8.716	107	244591	42.020	ng	98
37) 2-Methylnaphthalene	8.857	142	502446	41.936	ng	100
38) 1-Methylnaphthalene	8.951	142	491967	41.891	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	249916	41.781	ng	99
41) Hexachlorocyclopentadiene	9.004	237	56386	45.407	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	150989	40.228	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	169419	41.591	ng	96
46) 1,1'-Biphenyl	9.322	154	640280	41.972	ng	99
47) 2-Chloronaphthalene	9.345	162	486995	42.131	ng	99
48) 2-Nitroaniline	9.451	65	152955	41.225	ng	98
49) Acenaphthylene	9.763	152	707104	40.487	ng	100
50) Dimethylphthalate	9.622	163	555016	41.245	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129263	42.355	ng	98
52) Acenaphthene	9.933	154	456020	41.094	ng	98
53) 3-Nitroaniline	9.869	138	128490	43.047	ng	96
54) 2,4-Dinitrophenol	9.986	184	81750	54.487	ng	96
55) Dibenzofuran	10.104	168	693111	40.948	ng	99
56) 4-Nitrophenol	10.051	139	98923	48.594	ng	97
57) 2,4-Dinitrotoluene	10.104	165	171716	42.336	ng	# 92
58) Fluorene	10.451	166	577006	42.469	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	143253	45.759	ng	93
60) Diethylphthalate	10.322	149	565279	41.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	284318	42.642	ng	97
62) 4-Nitroaniline	10.492	138	137202	43.826	ng	97
63) Azobenzene	10.598	77	521453	40.275	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	101284	50.379	ng	97
66) n-Nitrosodiphenylamine	10.563	169	473989	40.739	ng	100
67) 4-Bromophenyl-phenylether	10.928	248	169243	41.771	ng	100
68) Hexachlorobenzene	11.004	284	194877	41.539	ng	98
69) Atrazine	11.086	200	112137	34.261	ng	99
70) Pentachlorophenol	11.204	266	85077	41.203	ng	99
71) Phenanthrene	11.416	178	788081	41.672	ng	99
72) Anthracene	11.469	178	772594	41.764	ng	100
73) Carbazole	11.627	167	765382	43.008	ng	100
74) Di-n-butylphthalate	11.945	149	866057	42.152	ng	100
75) Fluoranthene	12.610	202	891260	43.406	ng	100
77) Benzidine	12.739	184	458403	63.129	ng	99
78) Pyrene	12.839	202	912047	39.495	ng	99
80) Butylbenzylphthalate	13.451	149	317380	38.152	ng	98
81) Benzo(a)anthracene	14.039	228	688019	41.616	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	220178	44.358	ng	98
83) Chrysene	14.080	228	639120	42.278	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	376941	35.885	ng	99
85) Di-n-octyl phthalate	14.645	149	520078	36.229	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	615581	41.864	ng	99
88) Benzo(b)fluoranthene	15.121	252	567405	40.036	ng	99
89) Benzo(k)fluoranthene	15.151	252	555291	44.774	ng	99
90) Benzo(a)pyrene	15.498	252	490049	42.526	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	510516	42.393	ng	100
92) Benzo(g,h,i)perylene	17.545	276	520663	42.370	ng	99

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

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