

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138648.D
 Acq On : 25 Jul 2024 12:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 25 12:58:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	86248	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	346359	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	184985	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	314382	20.000	ng	0.00
76) Chrysene-d12	14.015	240	141260	20.000	ng	-0.01
86) Perylene-d12	15.480	264	154041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	451193	82.852	ng	-0.02
7) Phenol-d6	6.498	99	604232	83.406	ng	0.00
23) Nitrobenzene-d5	7.422	82	573433	81.286	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	142483	82.414	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	959601	81.075	ng	-0.01
79) Terphenyl-d14	12.957	244	752042	86.731	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	98798	40.963	ng	96
3) Pyridine	3.381	79	247672	41.640	ng	95
4) n-Nitrosodimethylamine	3.346	42	152223	39.314	ng	91
6) Aniline	6.522	93	276200	40.704	ng	# 73
8) 2-Chlorophenol	6.645	128	236951	41.149	ng	97
9) Benzaldehyde	6.410	77	153928	39.696	ng	98
10) Phenol	6.510	94	320054	41.621	ng	90
11) bis(2-Chloroethyl)ether	6.592	93	239857	41.429	ng	98
12) 1,3-Dichlorobenzene	6.798	146	264943	40.933	ng	99
13) 1,4-Dichlorobenzene	6.875	146	264180	40.192	ng	99
14) 1,2-Dichlorobenzene	7.028	146	247301	40.397	ng	98
15) Benzyl Alcohol	7.004	79	229697	42.248	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	416696	36.599	ng	91
17) 2-Methylphenol	7.116	107	199675	42.310	ng	96
18) Hexachloroethane	7.369	117	100631	41.646	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	180378	40.295	ng	93
20) 3+4-Methylphenols	7.269	107	244024	41.062	ng	97
22) Acetophenone	7.269	105	335975	39.940	ng	99
24) Nitrobenzene	7.445	77	293540	40.946	ng	97
25) Isophorone	7.681	82	485016	40.035	ng	99
26) 2-Nitrophenol	7.757	139	128280	41.750	ng	96
27) 2,4-Dimethylphenol	7.792	122	151966	40.241	ng	100
28) bis(2-Chloroethoxy)met...	7.886	93	297430	41.080	ng	98
29) 2,4-Dichlorophenol	7.998	162	193831	39.525	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	215952	37.801	ng	99
31) Naphthalene	8.163	128	721663	40.062	ng	100
32) Benzoic acid	7.928	122	123623	34.322	ng	92
33) 4-Chloroaniline	8.210	127	249848	39.531	ng	99
34) Hexachlorobutadiene	8.275	225	132757	37.737	ng	100
35) Caprolactam	8.592	113	63210	39.944	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	224398	40.873	ng	99
37) 2-Methylnaphthalene	8.851	142	455131	39.262	ng	100
38) 1-Methylnaphthalene	8.951	142	446776	39.491	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	203998	39.568	ng	99
41) Hexachlorocyclopentadiene	8.998	237	71615	42.795	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	129265	39.306	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	139638	38.604	ng	# 94
46) 1,1'-Biphenyl	9.316	154	570319	40.682	ng	98
47) 2-Chloronaphthalene	9.339	162	425228	40.151	ng	98
48) 2-Nitroaniline	9.439	65	155462	42.360	ng	97
49) Acenaphthylene	9.757	152	615906	40.961	ng	99
50) Dimethylphthalate	9.616	163	492209	41.149	ng	100
51) 2,6-Dinitrotoluene	9.680	165	114097	41.428	ng	89
52) Acenaphthene	9.927	154	410268	41.047	ng	99
53) 3-Nitroaniline	9.851	138	114090	40.418	ng	93
54) 2,4-Dinitrophenol	9.963	184	50647	36.934	ng	92
55) Dibenzofuran	10.098	168	583125	40.223	ng	99
56) 4-Nitrophenol	10.016	139	71989	34.564	ng	98
57) 2,4-Dinitrotoluene	10.086	165	148156	41.577	ng	94
58) Fluorene	10.439	166	467983	40.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	108669	38.067	ng	96
60) Diethylphthalate	10.310	149	472367	40.964	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	223212	38.751	ng	95
62) 4-Nitroaniline	10.463	138	110060	38.909	ng	98
63) Azobenzene	10.592	77	505889	40.805	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	78742	43.378	ng	87
66) n-Nitrosodiphenylamine	10.551	169	390009	41.406	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	130816	40.484	ng	98
68) Hexachlorobenzene	10.986	284	146072	40.692	ng	99
69) Atrazine	11.074	200	113246	36.264	ng	97
70) Pentachlorophenol	11.186	266	74244	34.953	ng	97
71) Phenanthrene	11.404	178	643263	40.500	ng	99
72) Anthracene	11.457	178	633889	40.205	ng	100
73) Carbazole	11.610	167	561607	39.637	ng	99
74) Di-n-butylphthalate	11.933	149	672096	41.152	ng	99
75) Fluoranthene	12.592	202	613643	37.863	ng	98
77) Benzidine	12.710	184	121828	34.183	ng	99
78) Pyrene	12.821	202	604039	42.123	ng	100
80) Butylbenzylphthalate	13.433	149	192590	44.646	ng	99
81) Benzo(a)anthracene	14.004	228	381575	40.257	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	103840	42.516	ng	99
83) Chrysene	14.039	228	356658	39.776	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	207747	45.156	ng	99
85) Di-n-octyl phthalate	14.598	149	330885	45.527	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	406248	39.263	ng	100
88) Benzo(b)fluoranthene	15.051	252	373747	43.083	ng	100
89) Benzo(k)fluoranthene	15.080	252	282289	33.364	ng	99
90) Benzo(a)pyrene	15.415	252	303631	39.843	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	324182	38.302	ng	99
92) Benzo(g,h,i)perylene	17.398	276	343658	38.290	ng	97

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

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