

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139917.D
 Acq On : 22 Oct 2024 09:39
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 11:02:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157034	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	594103	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	330233	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	578135	20.000	ng	0.00
76) Chrysene-d12	14.057	240	280536	20.000	ng	0.00
86) Perylene-d12	15.533	264	304746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	792102	78.965	ng	0.00
7) Phenol-d6	6.510	99	1010763	77.800	ng	0.00
23) Nitrobenzene-d5	7.457	82	903028	84.243	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	267638	86.645	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1560826	78.114	ng	0.00
79) Terphenyl-d14	12.998	244	1495313	86.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	175316	37.485	ng	96
3) Pyridine	3.428	79	440722	38.017	ng	99
4) n-Nitrosodimethylamine	3.375	42	230336	36.981	ng	99
6) Aniline	6.557	93	474202	39.164	ng	98
8) 2-Chlorophenol	6.675	128	411136	40.092	ng	99
9) Benzaldehyde	6.445	77	286517	39.203	ng	98
10) Phenol	6.528	94	522284m	38.994	ng	
11) bis(2-Chloroethyl)ether	6.628	93	402500	38.880	ng	100
12) 1,3-Dichlorobenzene	6.834	146	470288	39.951	ng	100
13) 1,4-Dichlorobenzene	6.910	146	474070	40.310	ng	99
14) 1,2-Dichlorobenzene	7.063	146	441672	40.239	ng	99
15) Benzyl Alcohol	7.028	79	377244	39.585	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	662610	37.537	ng	98
17) 2-Methylphenol	7.134	107	343455	39.278	ng	100
18) Hexachloroethane	7.404	117	169645	40.451	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	296747	37.661	ng	99
20) 3+4-Methylphenols	7.292	107	440628	39.396	ng	# 86
22) Acetophenone	7.298	105	567546	39.002	ng	99
24) Nitrobenzene	7.475	77	477214	40.605	ng	99
25) Isophorone	7.710	82	796423	39.145	ng	99
26) 2-Nitrophenol	7.786	139	206070	46.478	ng	98
27) 2,4-Dimethylphenol	7.822	122	289948	39.219	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	482543	39.147	ng	100
29) 2,4-Dichlorophenol	8.028	162	341734	40.582	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	380695	40.857	ng	98
31) Naphthalene	8.198	128	1225906	40.010	ng	100
32) Benzoic acid	7.922	122	286938	44.500	ng	98
33) 4-Chloroaniline	8.239	127	417075	39.919	ng	99
34) Hexachlorobutadiene	8.316	225	242379	41.401	ng	99
35) Caprolactam	8.610	113	105882	39.545	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	370787	39.766	ng	97
37) 2-Methylnaphthalene	8.886	142	746472	39.779	ng	99
38) 1-Methylnaphthalene	8.986	142	731982	39.758	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	360354	40.448	ng	99
41) Hexachlorocyclopentadiene	9.039	237	143286	46.222	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	269189	42.677	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	263183	40.442	ng	98
46) 1,1'-Biphenyl	9.351	154	910650	39.612	ng	99
47) 2-Chloronaphthalene	9.375	162	741422	40.043	ng	99
48) 2-Nitroaniline	9.469	65	243026	42.915	ng	93
49) Acenaphthylene	9.792	152	1060749	39.627	ng	99
50) Dimethylphthalate	9.651	163	820693	39.899	ng	99
51) 2,6-Dinitrotoluene	9.710	165	190126	42.689	ng	99
52) Acenaphthene	9.963	154	702273	40.556	ng	99
53) 3-Nitroaniline	9.880	138	191523	41.700	ng	96
54) 2,4-Dinitrophenol	9.980	184	89411	50.904	ng	# 9
55) Dibenzofuran	10.133	168	981598	39.509	ng	99
56) 4-Nitrophenol	10.022	139	156168	44.196	ng	99
57) 2,4-Dinitrotoluene	10.110	165	252856	46.168	ng	99
58) Fluorene	10.480	166	747301	39.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	214535	42.053	ng	97
60) Diethylphthalate	10.351	149	796944	39.460	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	388061	40.608	ng	98
62) 4-Nitroaniline	10.492	138	187391	43.200	ng	96
63) Azobenzene	10.633	77	824845	38.524	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	126995	53.853	ng	90
66) n-Nitrosodiphenylamine	10.586	169	681909	39.409	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	242840	40.773	ng	96
68) Hexachlorobenzene	11.027	284	270916	40.445	ng	97
69) Atrazine	11.110	200	192753	41.123	ng	100
70) Pentachlorophenol	11.216	266	186612	45.904	ng	99
71) Phenanthrene	11.439	178	1066175	39.042	ng	100
72) Anthracene	11.492	178	1053026	39.521	ng	100
73) Carbazole	11.645	167	965787	38.974	ng	99
74) Di-n-butylphthalate	11.974	149	1112257	38.850	ng	99
75) Fluoranthene	12.627	202	1090098	39.486	ng	100
77) Benzidine	12.745	184	233192	50.551	ng	98
78) Pyrene	12.857	202	1092350	44.484	ng	100
80) Butylbenzylphthalate	13.474	149	310703	42.204	ng	100
81) Benzo(a)anthracene	14.045	228	728511	39.892	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	234479	44.037	ng	99
83) Chrysene	14.080	228	673549	40.226	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	366338	44.352	ng	100
85) Di-n-octyl phthalate	14.651	149	658693	43.844	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	899248	45.868	ng	98
88) Benzo(b)fluoranthene	15.098	252	738627	39.789	ng	100
89) Benzo(k)fluoranthene	15.127	252	589817	36.841	ng	100
90) Benzo(a)pyrene	15.468	252	614376	40.221	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	743480	45.459	ng	98
92) Benzo(g,h,i)perylene	17.492	276	770798	47.183	ng	98

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

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