

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138939.D
 Acq On : 12 Aug 2024 17:55
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 18:20:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	49336	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	199567	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	106547	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	158539	20.000	ng	0.00
76) Chrysene-d12	14.004	240	88117	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	110645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	259002	81.038	ng	0.00
7) Phenol-d6	6.492	99	350915	81.779	ng	0.00
23) Nitrobenzene-d5	7.410	82	338749	82.989	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	66718	76.445	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	609357	85.930	ng	0.00
79) Terphenyl-d14	12.939	244	379982	72.199	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	51003	36.450	ng	96
3) Pyridine	3.345	79	127934	37.743	ng	94
4) n-Nitrosodimethylamine	3.310	42	88473	43.825	ng	85
6) Aniline	6.510	93	153117	40.012	ng	# 55
8) 2-Chlorophenol	6.634	128	137406	40.863	ng	100
9) Benzaldehyde	6.398	77	94172	36.610	ng	98
10) Phenol	6.504	94	179185	39.661	ng	# 75
11) bis(2-Chloroethyl)ether	6.581	93	134102	38.572	ng	99
12) 1,3-Dichlorobenzene	6.781	146	151313	40.200	ng	99
13) 1,4-Dichlorobenzene	6.857	146	151603	39.910	ng	98
14) 1,2-Dichlorobenzene	7.010	146	145086	40.869	ng	98
15) Benzyl Alcohol	6.992	79	135780	43.903	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	224621	37.541	ng	55
17) 2-Methylphenol	7.110	107	112111	40.376	ng	# 88
18) Hexachloroethane	7.345	117	59677	41.736	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	109141	42.112	ng	99
20) 3+4-Methylphenols	7.263	107	152051	42.680	ng	# 82
22) Acetophenone	7.257	105	207378	42.440	ng	99
24) Nitrobenzene	7.433	77	168683	40.612	ng	98
25) Isophorone	7.669	82	282830	40.579	ng	98
26) 2-Nitrophenol	7.745	139	73934	41.373	ng	94
27) 2,4-Dimethylphenol	7.786	122	85942	40.196	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	166365	39.196	ng	100
29) 2,4-Dichlorophenol	7.992	162	114264	41.590	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	129016	40.692	ng	99
31) Naphthalene	8.145	128	421987	40.172	ng	100
32) Benzoic acid	7.933	122	59809	35.586	ng	94
33) 4-Chloroaniline	8.198	127	126931	35.997	ng	97
34) Hexachlorobutadiene	8.257	225	84229	43.860	ng	98
35) Caprolactam	8.580	113	29961	36.547	ng	95
36) 4-Chloro-3-methylphenol	8.692	107	129099	41.116	ng	99
37) 2-Methylnaphthalene	8.833	142	269365	40.602	ng	100
38) 1-Methylnaphthalene	8.933	142	261503	40.226	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	122337	41.334	ng	98
41) Hexachlorocyclopentadiene	8.980	237	26520	37.871	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	74147	41.088	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	77807	39.440	ng	97
46) 1,1'-Biphenyl	9.298	154	340311	40.782	ng	99
47) 2-Chloronaphthalene	9.327	162	250973	40.439	ng	100
48) 2-Nitroaniline	9.427	65	84338	40.085	ng	96
49) Acenaphthylene	9.739	152	347920	39.527	ng	99
50) Dimethylphthalate	9.598	163	267864	39.318	ng	99
51) 2,6-Dinitrotoluene	9.669	165	60856	39.581	ng	89
52) Acenaphthene	9.910	154	233275	39.425	ng	99
53) 3-Nitroaniline	9.839	138	56308	35.426	ng	98
54) 2,4-Dinitrophenol	9.957	184	29928	42.285	ng	# 83
55) Dibenzofuran	10.080	168	329005	39.390	ng	98
56) 4-Nitrophenol	10.027	139	24353m	25.479	ng	
57) 2,4-Dinitrotoluene	10.074	165	75778	38.630	ng	# 82
58) Fluorene	10.427	166	266008	39.993	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	56925	37.743	ng	96
60) Diethylphthalate	10.292	149	255961	39.624	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	132420	40.480	ng	96
62) 4-Nitroaniline	10.457	138	50647	33.531	ng	88
63) Azobenzene	10.574	77	273851	38.224	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	37848	39.131	ng	89
66) n-Nitrosodiphenylamine	10.533	169	207536	41.879	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	72407	42.183	ng	97
68) Hexachlorobenzene	10.974	284	73701	41.585	ng	99
69) Atrazine	11.063	200	45494	35.583	ng	100
70) Pentachlorophenol	11.174	266	30703	38.434	ng	97
71) Phenanthrene	11.386	178	326343	39.976	ng	99
72) Anthracene	11.439	178	322648	40.120	ng	100
73) Carbazole	11.598	167	260836	37.593	ng	99
74) Di-n-butylphthalate	11.916	149	322519	41.349	ng	99
75) Fluoranthene	12.574	202	294742	38.674	ng	98
77) Benzidine	12.698	184	47429	22.504	ng	97
78) Pyrene	12.804	202	290623	35.030	ng	100
80) Butylbenzylphthalate	13.410	149	111784	42.075	ng	98
81) Benzo(a)anthracene	13.992	228	236313	38.945	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	72073	46.415	ng	99
83) Chrysene	14.027	228	222028	40.557	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	170401	43.800	ng	100
85) Di-n-octyl phthalate	14.580	149	322668	44.828	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	303038	38.218	ng	96
88) Benzo(b)fluoranthene	15.039	252	271442	39.575	ng	98
89) Benzo(k)fluoranthene	15.068	252	224112	37.738	ng	99
90) Benzo(a)pyrene	15.404	252	227060	39.356	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	249774	38.374	ng	98
92) Benzo(g,h,i)perylene	17.392	276	256818	38.023	ng	97

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

