

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100124\
 Data File : BF139587.D
 Acq On : 01 Oct 2024 15:30
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 04:38:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:31:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	108142	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	412676	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	240281	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	458134	20.000	ng	0.00
76) Chrysene-d12	14.033	240	286235	20.000	ng	0.00
86) Perylene-d12	15.504	264	218578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	257634	38.865	ng	0.00
7) Phenol-d6	6.498	99	345844	39.748	ng	0.00
23) Nitrobenzene-d5	7.428	82	335235	38.189	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	95956	37.511	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	659792	38.512	ng	0.00
79) Terphenyl-d14	12.974	244	702722	40.297	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	55064	20.704	ng	100
3) Pyridine	3.387	79	138087	23.549	ng	99
4) n-Nitrosodimethylamine	3.340	42	86220	16.964	ng	98
6) Aniline	6.528	93	158096	24.077	ng	91
8) 2-Chlorophenol	6.651	128	139432	20.433	ng	99
9) Benzaldehyde	6.416	77	100155	19.923	ng	99
10) Phenol	6.510	94	182873	20.636	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	136711	20.297	ng	97
12) 1,3-Dichlorobenzene	6.810	146	156853	20.212	ng	99
13) 1,4-Dichlorobenzene	6.886	146	156952	20.014	ng	100
14) 1,2-Dichlorobenzene	7.039	146	150605	20.324	ng	99
15) Benzyl Alcohol	7.010	79	133336	19.208	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	258618	24.914	ng	99
17) 2-Methylphenol	7.122	107	115528	21.309	ng	96
18) Hexachloroethane	7.381	117	59490	19.916	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	111386	21.603	ng	96
20) 3+4-Methylphenols	7.275	107	147429	19.932	ng	95
22) Acetophenone	7.275	105	204067	18.915	ng	98
24) Nitrobenzene	7.451	77	173773	19.234	ng	99
25) Isophorone	7.686	82	294210	21.192	ng	99
26) 2-Nitrophenol	7.763	139	74737	21.233	ng	97
27) 2,4-Dimethylphenol	7.804	122	89837m	19.349	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	178499	22.560	ng	99
29) 2,4-Dichlorophenol	8.010	162	120980	20.511	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	135920	19.777	ng	99
31) Naphthalene	8.175	128	443027	20.564	ng	100
32) Benzoic acid	7.904	122	90686	20.871	ng	100
33) 4-Chloroaniline	8.222	127	148805	22.577	ng	99
34) Hexachlorobutadiene	8.286	225	89254	19.116	ng	99
35) Caprolactam	8.575	113	38454	21.194	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	136390	20.233	ng	99
37) 2-Methylnaphthalene	8.863	142	286555	20.955	ng	99
38) 1-Methylnaphthalene	8.963	142	279374	20.809	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	140756	19.766	ng	99
41) Hexachlorocyclopentadiene	9.016	237	41492	16.687	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	93933	20.275	ng	96

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44) 2,4,5-Trichlorophenol	9.180	196	99107	20.279	ng	99
46) 1,1'-Biphenyl	9.327	154	373809	20.222	ng	99
47) 2-Chloronaphthalene	9.351	162	277740	20.095	ng	98
48) 2-Nitroaniline	9.445	65	98257	19.113	ng	98
49) Acenaphthylene	9.769	152	428573	20.599	ng	100
50) Dimethylphthalate	9.627	163	322466	20.447	ng	99
51) 2,6-Dinitrotoluene	9.686	165	73015	20.899	ng	98
52) Acenaphthene	9.939	154	289967	19.969	ng	99
53) 3-Nitroaniline	9.857	138	75481	21.618	ng	98
54) 2,4-Dinitrophenol	9.963	184	39351	20.214	ng	99
55) Dibenzofuran	10.110	168	411595	20.337	ng	100
56) 4-Nitrophenol	10.016	139	57066	19.752	ng	98
57) 2,4-Dinitrotoluene	10.092	165	97633	20.699	ng	95
58) Fluorene	10.451	166	326214	19.755	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	81431	20.143	ng	99
60) Diethylphthalate	10.322	149	335630	20.623	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	165621	20.637	ng	97
62) 4-Nitroaniline	10.469	138	77669	20.382	ng	100
63) Azobenzene	10.604	77	340082	21.246	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	52400	21.671	ng	98
66) n-Nitrosodiphenylamine	10.563	169	278782	20.814	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	96440	21.242	ng	97
68) Hexachlorobenzene	10.998	284	106766	20.038	ng	98
69) Atrazine	11.086	200	75159	23.570	ng	99
70) Pentachlorophenol	11.198	266	63590	19.889	ng	98
71) Phenanthrene	11.416	178	447098	20.228	ng	100
72) Anthracene	11.469	178	447887	20.725	ng	100
73) Carbazole	11.621	167	433339	20.951	ng	100
74) Di-n-butylphthalate	11.951	149	523701	22.729	ng	100
75) Fluoranthene	12.604	202	508996	21.564	ng	99
77) Benzidine	12.727	184	95858	23.375	ng	99
78) Pyrene	12.833	202	515568	20.978	ng	99
80) Butylbenzylphthalate	13.451	149	184683	22.077	ng	100
81) Benzo(a)anthracene	14.021	228	381093	20.100	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	118534	21.348	ng	100
83) Chrysene	14.057	228	359014	20.582	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	227908	21.416	ng	100
85) Di-n-octyl phthalate	14.621	149	322660	20.587	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	262647	20.208	ng	99
88) Benzo(b)fluoranthene	15.074	252	294398	21.839	ng	100
89) Benzo(k)fluoranthene	15.098	252	260317	20.944	ng	100
90) Benzo(a)pyrene	15.439	252	227701	20.367	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	215965	20.109	ng	99
92) Benzo(g,h,i)perylene	17.415	276	217049	20.411	ng	99

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

