

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
 Data File : BF138418.D
 Acq On : 02 Jul 2024 09:43
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 11:36:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	175454	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	701207	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	378340	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	602337	20.000	ng	0.00
76) Chrysene-d12	14.033	240	260749	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	352979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	875360	82.717	ng	0.00
7) Phenol-d6	6.516	99	1171196	82.156	ng	0.00
23) Nitrobenzene-d5	7.445	82	1089993	80.750	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	240488	77.801	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1737989	73.107	ng	0.00
79) Terphenyl-d14	12.980	244	1256484	66.037	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	217546	43.643	ng	99
3) Pyridine	3.410	79	526263	44.254	ng	97
4) n-Nitrosodimethylamine	3.375	42	315613	42.542	ng	98
6) Aniline	6.539	93	584630	42.024	ng	99
8) 2-Chlorophenol	6.663	128	469161	41.297	ng	98
9) Benzaldehyde	6.428	77	356277	40.491	ng	99
10) Phenol	6.528	94	632724	41.659	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	490260	41.100	ng	99
12) 1,3-Dichlorobenzene	6.816	146	516068	39.667	ng	99
13) 1,4-Dichlorobenzene	6.892	146	519383	39.815	ng	99
14) 1,2-Dichlorobenzene	7.051	146	476144	39.538	ng	95
15) Benzyl Alcohol	7.022	79	419910	41.124	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	978651	40.675	ng	99
17) 2-Methylphenol	7.134	107	387731	41.180	ng	97
18) Hexachloroethane	7.386	117	190688	40.527	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	339840	37.814	ng	97
20) 3+4-Methylphenols	7.286	107	452638	41.375	ng	98
22) Acetophenone	7.286	105	612818	38.523	ng	# 98
24) Nitrobenzene	7.463	77	560794	40.847	ng	98
25) Isophorone	7.698	82	974541	39.155	ng	100
26) 2-Nitrophenol	7.775	139	255570	43.157	ng	100
27) 2,4-Dimethylphenol	7.810	122	311664	41.122	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	591523	39.484	ng	99
29) 2,4-Dichlorophenol	8.016	162	388514	39.912	ng	94
30) 1,2,4-Trichlorobenzene	8.098	180	430834	38.065	ng	99
31) Naphthalene	8.181	128	1397306	39.418	ng	100
32) Benzoic acid	7.933	122	290929m	42.509	ng	
33) 4-Chloroaniline	8.228	127	498401	40.258	ng	100
34) Hexachlorobutadiene	8.292	225	254969	37.521	ng	99
35) Caprolactam	8.610	113	125932	40.968	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	412661	39.799	ng	99
37) 2-Methylnaphthalene	8.869	142	877859	38.318	ng	100
38) 1-Methylnaphthalene	8.969	142	858245	38.628	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	399083	38.135	ng	99
41) Hexachlorocyclopentadiene	9.022	237	113253	36.766	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	257629	38.689	ng	98

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44) 2,4,5-Trichlorophenol	9.192	196	284394	39.270	ng	98
46) 1,1'-Biphenyl	9.333	154	1077219	38.133	ng	99
47) 2-Chloronaphthalene	9.363	162	836500	38.837	ng	98
48) 2-Nitroaniline	9.457	65	293755	42.281	ng	99
49) Acenaphthylene	9.775	152	1182974	39.053	ng	100
50) Dimethylphthalate	9.633	163	937617	38.561	ng	99
51) 2,6-Dinitrotoluene	9.698	165	221716	40.714	ng	98
52) Acenaphthene	9.945	154	822066	39.634	ng	98
53) 3-Nitroaniline	9.869	138	221772	41.233	ng	97
54) 2,4-Dinitrophenol	9.969	184	86401	42.254	ng	98
55) Dibenzofuran	10.116	168	1115575	39.036	ng	99
56) 4-Nitrophenol	10.033	139	149587	42.895	ng	98
57) 2,4-Dinitrotoluene	10.098	165	281409	41.969	ng	98
58) Fluorene	10.463	166	837709	36.891	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	216044	40.164	ng	100
60) Diethylphthalate	10.333	149	872791	38.392	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	413943	35.928	ng	99
62) 4-Nitroaniline	10.480	138	199472	40.406	ng	99
63) Azobenzene	10.610	77	972599	40.510	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	133773	42.266	ng	98
66) n-Nitrosodiphenylamine	10.569	169	725273	38.786	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	251179	38.796	ng	99
68) Hexachlorobenzene	11.004	284	271329	38.022	ng	96
69) Atrazine	11.092	200	192680	36.750	ng	99
70) Pentachlorophenol	11.198	266	146798	40.531	ng	99
71) Phenanthrene	11.422	178	1162866	39.541	ng	99
72) Anthracene	11.474	178	1154048	39.349	ng	99
73) Carbazole	11.627	167	941575	38.671	ng	100
74) Di-n-butylphthalate	11.951	149	1175628	38.099	ng	99
75) Fluoranthene	12.604	202	985551	37.381	ng	96
77) Benzidine	12.727	184	37955	18.203	ng	97
78) Pyrene	12.833	202	950122	34.093	ng	99
80) Butylbenzylphthalate	13.451	149	303195	35.753	ng	97
81) Benzo(a)anthracene	14.021	228	661481	39.413	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	208801	42.139	ng	96
83) Chrysene	14.057	228	643016	39.374	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	442098	41.570	ng	99
85) Di-n-octyl phthalate	14.621	149	887541	47.679	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	670764	37.820	ng	98
88) Benzo(b)fluoranthene	15.068	252	793676	40.982	ng	98
89) Benzo(k)fluoranthene	15.098	252	686983	38.512	ng	99
90) Benzo(a)pyrene	15.439	252	672881	39.639	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	530107	37.029	ng	100
92) Benzo(g,h,i)perylene	17.415	276	528160	37.712	ng	97

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

