

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
 Data File : BF138389.D
 Acq On : 28 Jun 2024 15:30
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:37:45 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 02:31:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	180521	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	715630	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	381215	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	600410	20.000	ng	0.00
76) Chrysene-d12	14.033	240	238187	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	305877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1002682	92.089	ng	0.00
7) Phenol-d6	6.522	99	1359680	92.700	ng	0.00
23) Nitrobenzene-d5	7.445	82	1311461	95.199	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	291489	93.589	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2112504	88.191	ng	0.00
79) Terphenyl-d14	12.980	244	1594570	91.744	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	243905	47.557	ng	100
3) Pyridine	3.422	79	599745	49.018	ng	99
4) n-Nitrosodimethylamine	3.398	42	371636	48.687	ng	99
6) Aniline	6.545	93	682044	47.650	ng	99
8) 2-Chlorophenol	6.669	128	543907	46.533	ng	95
9) Benzaldehyde	6.428	77	395365	43.672	ng	98
10) Phenol	6.534	94	718188	45.959	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	579867	47.247	ng	98
12) 1,3-Dichlorobenzene	6.816	146	618773	46.226	ng	99
13) 1,4-Dichlorobenzene	6.898	146	619198	46.134	ng	98
14) 1,2-Dichlorobenzene	7.051	146	565204	45.616	ng	98
15) Benzyl Alcohol	7.022	79	493930	47.016	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1159160	46.825	ng	97
17) 2-Methylphenol	7.139	107	453545	46.818	ng	97
18) Hexachloroethane	7.386	117	229176	47.339	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	421238	45.556	ng	98
20) 3+4-Methylphenols	7.292	107	520268	46.222	ng	96
22) Acetophenone	7.292	105	734837	45.262	ng	99
24) Nitrobenzene	7.469	77	673973	48.101	ng	96
25) Isophorone	7.704	82	1192023	46.927	ng	99
26) 2-Nitrophenol	7.775	139	305814	50.601	ng	98
27) 2,4-Dimethylphenol	7.816	122	366847	47.427	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	711717	46.549	ng	99
29) 2,4-Dichlorophenol	8.022	162	468680	47.177	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	532826	46.128	ng	99
31) Naphthalene	8.180	128	1648363	45.563	ng	99
32) Benzoic acid	7.957	122	355485m	50.279	ng	
33) 4-Chloroaniline	8.228	127	593846	47.001	ng	99
34) Hexachlorobutadiene	8.292	225	324755	46.827	ng	99
35) Caprolactam	8.622	113	146502	46.699	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	495235	46.800	ng	98
37) 2-Methylnaphthalene	8.869	142	1056895	45.203	ng	99
38) 1-Methylnaphthalene	8.969	142	1024986	45.203	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	489061	46.381	ng	99
41) Hexachlorocyclopentadiene	9.022	237	167944	54.109	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	324320	48.337	ng	100

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44) 2,4,5-Trichlorophenol	9.192	196	349933	47.956	ng	97
46) 1,1'-Biphenyl	9.339	154	1293814	45.455	ng	99
47) 2-Chloronaphthalene	9.363	162	1006180	46.363	ng	99
48) 2-Nitroaniline	9.457	65	345587	49.366	ng	97
49) Acenaphthylene	9.774	152	1404620	46.020	ng	100
50) Dimethylphthalate	9.639	163	1128168	46.048	ng	100
51) 2,6-Dinitrotoluene	9.704	165	265520	48.390	ng	88
52) Acenaphthene	9.951	154	966293	46.236	ng	99
53) 3-Nitroaniline	9.874	138	262837	48.500	ng	92
54) 2,4-Dinitrophenol	9.974	184	103735	48.637	ng	# 87
55) Dibenzofuran	10.122	168	1303911	45.282	ng	98
56) 4-Nitrophenol	10.033	139	178844	50.898	ng	89
57) 2,4-Dinitrotoluene	10.104	165	332598	49.229	ng	95
58) Fluorene	10.463	166	1000977	43.748	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	262578	48.447	ng	100
60) Diethylphthalate	10.333	149	1058183	46.196	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	505018	43.502	ng	97
62) 4-Nitroaniline	10.486	138	247402	49.737	ng	98
63) Azobenzene	10.616	77	1131667	46.780	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	162101	50.130	ng	83
66) n-Nitrosodiphenylamine	10.574	169	856241	45.937	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	302696	46.903	ng	93
68) Hexachlorobenzene	11.010	284	329137	46.271	ng	93
69) Atrazine	11.098	200	234731	44.914	ng	100
70) Pentachlorophenol	11.198	266	190069	52.778	ng	98
71) Phenanthrene	11.421	178	1367226	46.640	ng	99
72) Anthracene	11.474	178	1359218	46.494	ng	99
73) Carbazole	11.627	167	1147724	47.288	ng	100
74) Di-n-butylphthalate	11.957	149	1468848	47.754	ng	100
75) Fluoranthene	12.610	202	1230213	46.810	ng	99
77) Benzidine	12.727	184	120950	63.503	ng	99
78) Pyrene	12.839	202	1188034	46.668	ng	99
80) Butylbenzylphthalate	13.451	149	390864	50.457	ng	98
81) Benzo(a)anthracene	14.021	228	737924	48.133	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	222486	49.154	ng	98
83) Chrysene	14.057	228	714367	47.886	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	478611	49.266	ng	# 98
85) Di-n-octyl phthalate	14.621	149	845611	49.730	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	783031	50.949	ng	99
88) Benzo(b)fluoranthene	15.068	252	815776	48.609	ng	97
89) Benzo(k)fluoranthene	15.104	252	713604	46.165	ng	99
90) Benzo(a)pyrene	15.439	252	706132	48.004	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	626461	50.497	ng	99
92) Benzo(g,h,i)perylene	17.421	276	619777	51.068	ng	99

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

