

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102022\
 Data File : BF130728.D
 Acq On : 20 Oct 2022 15:41
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/21/2022
 Supervised By : Jagrut Upadhyay 10/21/2022

Quant Time: Oct 21 04:58:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 04:55:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	85748	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	342131	20.000	ng	0.00
39) Acenaphthene-d10	9.592	164	174285	20.000	ng	0.00
64) Phenanthrene-d10	11.069	188	314846	20.000	ng	0.00
76) Chrysene-d12	13.704	240	245884	20.000	ng	0.00
86) Perylene-d12	15.080	264	178836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	93427	19.640	ng	0.02
7) Phenol-d6	6.222	99	137001	22.906	ng	0.00
23) Nitrobenzene-d5	7.134	82	139376	22.239	ng	0.00
42) 2,4,6-Tribromophenol	10.380	330	30966	18.158	ng	0.00
45) 2-Fluorobiphenyl	8.916	172	293493	25.508	ng	-0.01
79) Terphenyl-d14	12.651	244	263465	17.784	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.128	88	30263	10.515	ng	99
3) Pyridine	2.822	79	56021	10.882	ng	97
4) n-Nitrosodimethylamine	2.757	42	22356	9.217	ng	# 86
6) Aniline	6.234	93	75595	10.557	ng	90
8) 2-Chlorophenol	6.357	128	66696	11.922	ng	92
9) Benzaldehyde	6.122	77	46229	12.303	ng	97
10) Phenol	6.234	94	71204	10.289	ng	# 69
11) bis(2-Chloroethyl)ether	6.304	93	57570	11.452	ng	100
12) 1,3-Dichlorobenzene	6.498	146	61340	10.014	ng	98
13) 1,4-Dichlorobenzene	6.581	146	64488	10.378	ng	98
14) 1,2-Dichlorobenzene	6.728	146	60467	10.448	ng	99
15) Benzyl Alcohol	6.734	79	39089m	9.103	ng	
16) 2,2'-oxybis(1-Chloropr...	6.845	45	60194	9.308	ng	72
17) 2-Methylphenol	6.845	107	45551	10.236	ng	99
18) Hexachloroethane	7.063	117	23647	10.059	ng	93
19) n-Nitroso-di-n-propyla...	6.981	70	38497	9.976	ng	98
20) 3+4-Methylphenols	7.004	107	60577	10.159	ng	# 89
22) Acetophenone	6.987	105	79087	9.636	ng	# 97
24) Nitrobenzene	7.157	77	69402	11.012	ng	97
25) Isophorone	7.392	82	115657	11.088	ng	99
26) 2-Nitrophenol	7.475	139	32978	10.670	ng	96
27) 2,4-Dimethylphenol	7.522	122	45880	10.650	ng	99
28) bis(2-Chloroethoxy)met...	7.610	93	66392	10.993	ng	98
29) 2,4-Dichlorophenol	7.728	162	46263	9.599	ng	96
30) 1,2,4-Trichlorobenzene	7.792	180	52353	10.075	ng	95
31) Naphthalene	7.869	128	178507	10.079	ng	98
32) Benzoic acid	7.698	122	12025m	4.412	ng	
33) 4-Chloroaniline	7.934	127	74784	10.901	ng	99
34) Hexachlorobutadiene	7.981	225	36759	11.398	ng	98
35) Caprolactam	8.286	113	15137	10.438	ng	92
36) 4-Chloro-3-methylphenol	8.428	107	58813	11.250	ng	98
37) 2-Methylnaphthalene	8.557	142	120545	10.816	ng	99
38) 1-Methylnaphthalene	8.651	142	129699	11.988	ng	99
40) 1,2,4,5-Tetrachloroben...	8.722	216	57270	12.111	ng	100
43) 2,4,6-Trichlorophenol	8.851	196	34942	11.006	ng	94
44) 2,4,5-Trichlorophenol	8.904	196	37128m	10.634	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.022	154	139296	11.028	ng	99
47) 2-Chloronaphthalene	9.045	162	124131	12.025	ng	97
48) 2-Nitroaniline	9.157	65	38155	12.278	ng	93
49) Acenaphthylene	9.451	152	153821	9.945	ng	99
50) Dimethylphthalate	9.328	163	120214	9.964	ng	100
51) 2,6-Dinitrotoluene	9.392	165	25948	9.805	ng	# 86
52) Acenaphthene	9.622	154	93497	9.977	ng	99
53) 3-Nitroaniline	9.569	138	28618	9.865	ng	98
54) 2,4-Dinitrophenol	9.739	184	3098m	2.652	ng	
55) Dibenzofuran	9.798	168	144949	10.153	ng	98
57) 2,4-Dinitrotoluene	9.804	165	34769	10.223	ng	89
58) Fluorene	10.139	166	119067	10.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.933	232	24818m	8.916	ng	
60) Diethylphthalate	10.022	149	119298	9.911	ng	99
61) 4-Chlorophenyl-phenyle...	10.133	204	53956	10.168	ng	95
62) 4-Nitroaniline	10.180	138	28110	10.149	ng	99
63) Azobenzene	10.292	77	109071	9.620	ng	99
65) 4,6-Dinitro-2-methylph...	10.222	198	13678	6.952	ng	84
66) n-Nitrosodiphenylamine	10.251	169	100100	9.558	ng	99
67) 4-Bromophenyl-phenylether	10.622	248	34419	9.662	ng	94
68) Hexachlorobenzene	10.680	284	40231	9.990	ng	95
69) Atrazine	10.786	200	29907	10.487	ng	99
70) Pentachlorophenol	10.916	266	3224m	2.057	ng	
71) Phenanthrene	11.098	178	173187	9.928	ng	99
72) Anthracene	11.151	178	167815	9.851	ng	99
73) Carbazole	11.316	167	153658	10.108	ng	99
74) Di-n-butylphthalate	11.639	149	180902	9.824	ng	100
75) Fluoranthene	12.280	202	181189	10.808	ng	98
77) Benzidine	12.416	184	61975	9.972	ng	98
78) Pyrene	12.504	202	183409	8.646	ng	99
80) Butylbenzylphthalate	13.127	149	72170	8.848	ng	93
81) Benzo(a)anthracene	13.692	228	159337	9.617	ng	99
82) 3,3'-Dichlorobenzidine	13.663	252	47084	9.834	ng	99
83) Chrysene	13.733	228	151427	9.640	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	90104	9.112	ng	99
85) Di-n-octyl phthalate	14.292	149	115157	7.604	ng	100
87) Indeno(1,2,3-cd)pyrene	16.374	276	102668	7.670	ng	99
88) Benzo(b)fluoranthene	14.704	252	114434	10.105	ng	100
89) Benzo(k)fluoranthene	14.727	252	120903	10.485	ng	99
90) Benzo(a)pyrene	15.027	252	90455	9.597	ng	99
91) Dibenzo(a,h)anthracene	16.380	278	85047	7.751	ng	99
92) Benzo(g,h,i)perylene	16.768	276	83311	8.153	ng	100

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

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