

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
 Data File : BF131821.D
 Acq On : 24 Dec 2022 13:03
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Yogesh Patel 12/28/2022

Quant Time: Dec 26 04:35:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 04:31:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	78980	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	281230	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	162945	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	312230	20.000	ng	0.00
76) Chrysene-d12	14.033	240	277606	20.000	ng	0.00
86) Perylene-d12	15.521	264	236354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	48339	10.211	ng	0.00
7) Phenol-d6	6.457	99	65022	10.481	ng	-0.01
23) Nitrobenzene-d5	7.398	82	70327	9.454	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	16177	8.936	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	122670	9.492	ng	0.00
79) Terphenyl-d14	12.969	244	149525	7.387	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	11555	5.407	ng	97
3) Pyridine	3.293	79	30079m	5.070	ng	
4) n-Nitrosodimethylamine	3.228	42	14404	4.402	ng	# 96
6) Aniline	6.492	93	38841	5.235	ng	95
8) 2-Chlorophenol	6.616	128	25199	5.023	ng	91
9) Benzaldehyde	6.381	77	24907	5.861	ng	97
10) Phenol	6.469	94	38837	5.612	ng	93
11) bis(2-Chloroethyl)ether	6.563	93	27254	5.254	ng	99
12) 1,3-Dichlorobenzene	6.769	146	29324	5.041	ng	98
13) 1,4-Dichlorobenzene	6.851	146	29345	5.002	ng	95
14) 1,2-Dichlorobenzene	7.004	146	28301	5.050	ng	100
15) Benzyl Alcohol	6.975	79	28285	4.973	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.110	45	35987	5.371	ng	97
17) 2-Methylphenol	7.087	107	23115	5.112	ng	98
18) Hexachloroethane	7.345	117	11794	4.983	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	22430	4.822	ng	97
20) 3+4-Methylphenols	7.239	107	30986	5.031	ng	92
22) Acetophenone	7.245	105	42373	4.808	ng	# 90
24) Nitrobenzene	7.416	77	34269	4.568	ng	100
25) Isophorone	7.657	82	56184	4.689	ng	98
26) 2-Nitrophenol	7.739	139	12670	4.952	ng	95
27) 2,4-Dimethylphenol	7.775	122	18171	4.634	ng	87
28) bis(2-Chloroethoxy)met...	7.875	93	30616	4.939	ng	98
29) 2,4-Dichlorophenol	7.981	162	22913	4.726	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	27802	4.675	ng	98
31) Naphthalene	8.145	128	77716	4.906	ng	99
32) Benzoic acid	7.851	122	10245m	3.607	ng	
33) 4-Chloroaniline	8.198	127	29174	4.914	ng	96
34) Hexachlorobutadiene	8.263	225	19254	4.594	ng	96
35) Caprolactam	8.534	113	6750	5.382	ng	97
36) 4-Chloro-3-methylphenol	8.681	107	25807	4.740	ng	95
37) 2-Methylnaphthalene	8.839	142	51444	4.749	ng	97
38) 1-Methylnaphthalene	8.939	142	50161	4.824	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	28895	4.790	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	17598	4.717	ng	98
44) 2,4,5-Trichlorophenol	9.163	196	19259	4.800	ng	# 90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.304	154	63090	4.897	ng	99
47) 2-Chloronaphthalene	9.333	162	52025	4.956	ng	98
48) 2-Nitroaniline	9.428	65	17536	4.716	ng	94
49) Acenaphthylene	9.745	152	76925	4.991	ng	98
50) Dimethylphthalate	9.604	163	60132	4.841	ng	100
51) 2,6-Dinitrotoluene	9.669	165	12397	4.834	ng	91
52) Acenaphthene	9.922	154	46667	4.520	ng	98
53) 3-Nitroaniline	9.839	138	12463	5.065	ng	90
55) Dibenzofuran	10.092	168	70903	4.860	ng	99
56) 4-Nitrophenol	10.004	139	8176	4.783	ng	94
57) 2,4-Dinitrotoluene	10.075	165	16865	4.958	ng #	98
58) Fluorene	10.439	166	59189	4.991	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	15212	4.477	ng #	91
60) Diethylphthalate	10.304	149	57070	4.788	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	29423	4.489	ng	98
62) 4-Nitroaniline	10.451	138	13020	5.340	ng	97
63) Azobenzene	10.592	77	65837	4.843	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	8342	4.218	ng	98
66) n-Nitrosodiphenylamine	10.545	169	48369	4.792	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	18178	4.526	ng	97
68) Hexachlorobenzene	10.986	284	19965	4.595	ng #	91
69) Atrazine	11.075	200	16929	5.281	ng	96
70) Pentachlorophenol	11.186	266	7213	3.225	ng	93
71) Phenanthrene	11.404	178	88733	5.099	ng	98
72) Anthracene	11.457	178	85288	5.037	ng	99
73) Carbazole	11.616	167	73747	5.336	ng	97
74) Di-n-butylphthalate	11.945	149	87555	5.164	ng	99
75) Fluoranthene	12.598	202	100257	5.594	ng	99
77) Benzidine	12.727	184	43539	5.853	ng	99
78) Pyrene	12.827	202	106113	3.876	ng	98
80) Butylbenzylphthalate	13.451	149	36685	4.631	ng	94
81) Benzo(a)anthracene	14.021	228	98857	4.931	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	30289	5.310	ng #	98
83) Chrysene	14.063	228	92143	4.835	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	49347	5.145	ng	96
85) Di-n-octyl phthalate	14.627	149	71962	4.454	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	59924	3.107	ng	97
88) Benzo(b)fluoranthene	15.080	252	83352	5.351	ng	97
89) Benzo(k)fluoranthene	15.110	252	75885m	4.667	ng	
90) Benzo(a)pyrene	15.457	252	64555	4.856	ng	97
91) Dibenzo(a,h)anthracene	17.027	278	49343	3.108	ng	97
92) Benzo(g,h,i)perylene	17.462	276	47048	2.949	ng	97

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

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