

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135307.D
 Acq On : 18 Sep 2023 15:27
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 15:52:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	140665	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	558636	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	280604	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	546845	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	241356	20.000	ng	0.00
86) Perylene-d12	15.409	264	264031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	663946	76.769	ng	0.00
7) Phenol-d6	6.404	99	831172	75.580	ng	0.00
23) Nitrobenzene-d5	7.328	82	773484	75.224	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	192530	69.044	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1298578	69.821	ng	0.00
79) Terphenyl-d14	12.886	244	1226461	78.774	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	154866	40.847	ng	98
3) Pyridine	3.204	79	431270	42.265	ng	98
4) n-Nitrosodimethylamine	3.175	42	223623	41.298	ng	99
6) Aniline	6.428	93	542473	37.617	ng	97
8) 2-Chlorophenol	6.545	128	356562	38.621	ng	100
9) Benzaldehyde	6.316	77	240990	38.467	ng	98
10) Phenol	6.416	94	455680	37.788	ng	97
11) bis(2-Chloroethyl)ether	6.504	93	355192	39.267	ng	100
12) 1,3-Dichlorobenzene	6.698	146	351498	37.462	ng	99
13) 1,4-Dichlorobenzene	6.775	146	355707	37.262	ng	98
14) 1,2-Dichlorobenzene	6.928	146	329831	37.206	ng	99
15) Benzyl Alcohol	6.904	79	282620	35.813	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	677196	39.718	ng	99
17) 2-Methylphenol	7.022	107	309918	38.040	ng	98
18) Hexachloroethane	7.263	117	134028	37.998	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	241754	35.491	ng	91
20) 3+4-Methylphenols	7.175	107	355966	36.335	ng	98
22) Acetophenone	7.175	105	453490	35.507	ng	# 98
24) Nitrobenzene	7.345	77	388076	38.185	ng	98
25) Isophorone	7.580	82	719383	38.101	ng	98
26) 2-Nitrophenol	7.657	139	193568	39.684	ng	99
27) 2,4-Dimethylphenol	7.698	122	309188	37.711	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	436183	38.597	ng	99
29) 2,4-Dichlorophenol	7.904	162	288897	38.027	ng	97
30) 1,2,4-Trichlorobenzene	7.980	180	296548	37.345	ng	98
31) Naphthalene	8.063	128	1007011	37.101	ng	99
32) Benzoic acid	7.828	122	246674m	39.955	ng	
33) 4-Chloroaniline	8.116	127	452872	38.029	ng	100
34) Hexachlorobutadiene	8.175	225	171372	35.791	ng	100
35) Caprolactam	8.492	113	100620m	39.463	ng	
36) 4-Chloro-3-methylphenol	8.604	107	316369	37.468	ng	95
37) 2-Methylnaphthalene	8.751	142	662837	36.330	ng	99
38) 1-Methylnaphthalene	8.851	142	621711	36.396	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	300519	36.967	ng	100
41) Hexachlorocyclopentadiene	8.904	237	137647	42.264	ng	96
43) 2,4,6-Trichlorophenol	9.033	196	199016	37.391	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	233625	38.114	ng	98
46) 1,1'-Biphenyl	9.222	154	809191	37.525	ng	99
47) 2-Chloronaphthalene	9.245	162	585678	37.433	ng	99
48) 2-Nitroaniline	9.345	65	242213	39.848	ng	97
49) Acenaphthylene	9.663	152	968514	37.247	ng	99
50) Dimethylphthalate	9.527	163	721736	38.043	ng	100
51) 2,6-Dinitrotoluene	9.592	165	161439	38.844	ng	91
52) Acenaphthene	9.833	154	578480	37.660	ng	98
53) 3-Nitroaniline	9.763	138	191707	39.296	ng	95
54) 2,4-Dinitrophenol	9.874	184	73259	34.873	ng	94
55) Dibenzofuran	10.004	168	851160	36.312	ng	98
56) 4-Nitrophenol	9.933	139	112764	36.369	ng	91
57) 2,4-Dinitrotoluene	9.998	165	193904	37.268	ng	94
58) Fluorene	10.351	166	661292	36.698	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	174987	37.112	ng	99
60) Diethylphthalate	10.227	149	718296	37.726	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	308030	35.585	ng	97
62) 4-Nitroaniline	10.380	138	188493	40.195	ng	97
63) Azobenzene	10.504	77	730547	39.205	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	114868	39.549	ng	93
66) n-Nitrosodiphenylamine	10.463	169	617749	37.314	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	203035	37.331	ng	99
68) Hexachlorobenzene	10.898	284	201636	36.391	ng	93
69) Atrazine	10.998	200	159793	35.871	ng	98
70) Pentachlorophenol	11.098	266	105840	31.927	ng	98
71) Phenanthrene	11.316	178	951402	36.786	ng	99
72) Anthracene	11.368	178	973627	36.623	ng	99
73) Carbazole	11.527	167	896309	37.036	ng	99
74) Di-n-butylphthalate	11.857	149	1085471	38.064	ng	99
75) Fluoranthene	12.510	202	959097	35.589	ng	99
77) Benzidine	12.633	184	196920	39.825	ng	98
78) Pyrene	12.739	202	967244	42.093	ng	99
80) Butylbenzylphthalate	13.362	149	357719	44.215	ng	96
81) Benzo(a)anthracene	13.933	228	577432	37.050	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	191235	39.284	ng	# 96
83) Chrysene	13.968	228	587420	37.910	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	362470	43.659	ng	99
85) Di-n-octyl phthalate	14.545	149	560912	42.513	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	666259	38.486	ng	98
88) Benzo(b)fluoranthene	14.986	252	515898	36.095	ng	99
89) Benzo(k)fluoranthene	15.015	252	502166	35.567	ng	99
90) Benzo(a)pyrene	15.351	252	523238	38.388	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	531651	37.534	ng	98
92) Benzo(g,h,i)perylene	17.339	276	555029	37.519	ng	97

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

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