

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135667.D
 Acq On : 09 Oct 2023 23:45
 Operator : CG\JU
 Sample : 04731-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 02:30:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	115337	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	438909	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	213947	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	358641	20.000	ng	0.00
76) Chrysene-d12	13.933	240	203612	20.000	ng	0.00
86) Perylene-d12	15.404	264	210216	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	860331	121.321	ng	0.03
7) Phenol-d6	6.398	99	993554	110.186	ng	0.01
23) Nitrobenzene-d5	7.310	82	736215	91.131	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	263115	123.754	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1234588	87.061	ng	0.00
79) Terphenyl-d14	12.869	244	1027664	78.241	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	138997	44.712	ng	# 82
3) Pyridine	3.405	79	274277	32.782	ng	95
4) n-Nitrosodimethylamine	3.328	42	227336	51.203	ng	96
6) Aniline	6.416	93	142988	12.093	ng	# 1
8) 2-Chlorophenol	6.534	128	368851	48.725	ng	98
9) Benzaldehyde	6.304	77	124119	24.163	ng	98
10) Phenol	6.410	94	383100	38.746	ng	100
11) bis(2-Chloroethyl)ether	6.487	93	377354	50.879	ng	99
12) 1,3-Dichlorobenzene	6.681	146	368260	47.867	ng	98
13) 1,4-Dichlorobenzene	6.757	146	376860	48.147	ng	100
14) 1,2-Dichlorobenzene	6.904	146	350405	48.206	ng	99
15) Benzyl Alcohol	6.898	79	305885	47.274	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	644968	46.135	ng	# 46
17) 2-Methylphenol	7.010	107	285624	42.756	ng	# 87
18) Hexachloroethane	7.240	117	139879	48.366	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	252153	45.147	ng	96
20) 3+4-Methylphenols	7.169	107	366130	45.579	ng	# 69
22) Acetophenone	7.157	105	507860	50.611	ng	# 89
24) Nitrobenzene	7.328	77	393578	49.290	ng	99
25) Isophorone	7.569	82	704807	47.511	ng	99
26) 2-Nitrophenol	7.645	139	196039	51.154	ng	93
27) 2,4-Dimethylphenol	7.687	122	283695	44.040	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	438552	49.392	ng	100
29) 2,4-Dichlorophenol	7.892	162	304129	50.952	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	311437	49.918	ng	99
31) Naphthalene	8.040	128	1048323	49.159	ng	99
32) Benzoic acid	7.845	122	221187	45.599	ng	100
33) 4-Chloroaniline	8.122	127	64057	6.846	ng	95
34) Hexachlorobutadiene	8.151	225	186231	49.504	ng	100
35) Caprolactam	8.487	113	89722m	44.787	ng	
36) 4-Chloro-3-methylphenol	8.604	107	323152	48.711	ng	99
37) 2-Methylnaphthalene	8.734	142	647792	45.190	ng	100
38) 1-Methylnaphthalene	8.834	142	619439	46.155	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	320829	51.761	ng	99
41) Hexachlorocyclopentadiene	8.881	237	83766	35.224	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	199707	49.210	ng	99

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44) 2,4,5-Trichlorophenol	9.075	196	210847	45.115	ng	96
46) 1,1'-Biphenyl	9.198	154	825788	50.226	ng	98
47) 2-Chloronaphthalene	9.228	162	596798	50.028	ng	98
48) 2-Nitroaniline	9.334	65	227817	49.157	ng	97
49) Acenaphthylene	9.639	152	974480	49.153	ng	100
50) Dimethylphthalate	9.510	163	717699	49.616	ng	99
51) 2,6-Dinitrotoluene	9.581	165	153114	48.319	ng	94
52) Acenaphthene	9.816	154	568243	48.519	ng	97
53) 3-Nitroaniline	9.751	138	74167	19.939	ng	92
54) 2,4-Dinitrophenol	9.875	184	113929	64.634	ng	93
55) Dibenzofuran	9.986	168	824193	46.116	ng	96
56) 4-Nitrophenol	9.939	139	152214	64.388	ng	98
57) 2,4-Dinitrotoluene	9.992	165	183012	46.133	ng	94
58) Fluorene	10.333	166	649768	47.292	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	166365	46.276	ng	99
60) Diethylphthalate	10.210	149	710577	48.948	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	314622	47.670	ng	97
62) 4-Nitroaniline	10.375	138	135138	37.796	ng	98
63) Azobenzene	10.486	77	670524	47.195	ng	100
65) 4,6-Dinitro-2-methylph...	10.404	198	76595	40.210	ng	98
66) n-Nitrosodiphenylamine	10.445	169	590850	54.417	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	190488	53.404	ng	99
68) Hexachlorobenzene	10.881	284	195227	53.724	ng	# 92
69) Atrazine	10.980	200	182806	62.572	ng	97
70) Pentachlorophenol	11.086	266	167386	76.989	ng	98
71) Phenanthrene	11.298	178	843849	49.749	ng	99
72) Anthracene	11.351	178	872008	50.014	ng	100
73) Carbazole	11.516	167	782440	49.298	ng	99
74) Di-n-butylphthalate	11.839	149	1012790	54.153	ng	100
75) Fluoranthene	12.492	202	809044	45.775	ng	99
77) Benzidine	12.622	184	120947	28.995	ng	98
78) Pyrene	12.727	202	806493	41.603	ng	99
80) Butylbenzylphthalate	13.345	149	346132	50.713	ng	98
81) Benzo(a)anthracene	13.927	228	673583	51.232	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	161201	39.253	ng	# 98
83) Chrysene	13.963	228	622207	47.599	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	468015	66.822	ng	99
85) Di-n-octyl phthalate	14.527	149	791411	71.102	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	514478	37.327	ng	100
88) Benzo(b)fluoranthene	14.980	252	607267	53.364	ng	98
89) Benzo(k)fluoranthene	15.004	252	556441	49.500	ng	99
90) Benzo(a)pyrene	15.345	252	509835	46.980	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	430947	38.213	ng	99
92) Benzo(g,h,i)perylene	17.345	276	402929	34.210	ng	99

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

