

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
 Data File : BF136176.D
 Acq On : 07 Nov 2023 15:17
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023
 Supervised By :mohammad ahmed 11/09/2023

Quant Time: Nov 08 02:15:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 02:12:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	95166	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	364639	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	189327	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	337252	20.000	ng	0.00
76) Chrysene-d12	14.010	240	182998	20.000	ng	0.00
86) Perylene-d12	15.498	264	189220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	472368	79.033	ng	0.00
7) Phenol-d6	6.457	99	582147	79.153	ng	0.00
23) Nitrobenzene-d5	7.387	82	527674	80.754	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	170309	85.889	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1018281	79.504	ng	0.00
79) Terphenyl-d14	12.951	244	1056247	81.931	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	96848	40.464	ng	99
3) Pyridine	3.322	79	255788	39.775	ng	97
4) n-Nitrosodimethylamine	3.293	42	119155	40.395	ng	93
6) Aniline	6.487	93	373565	40.075	ng	99
8) 2-Chlorophenol	6.604	128	254028	39.482	ng	99
9) Benzaldehyde	6.375	77	164832	38.765	ng	98
10) Phenol	6.469	94	315274	39.252	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	230870	39.109	ng	98
12) 1,3-Dichlorobenzene	6.763	146	267803	39.458	ng	98
13) 1,4-Dichlorobenzene	6.840	146	267682	39.334	ng	100
14) 1,2-Dichlorobenzene	6.993	146	250512	39.163	ng	98
15) Benzyl Alcohol	6.963	79	218517	39.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	305018	39.551	ng	99
17) 2-Methylphenol	7.075	107	209449	39.016	ng	98
18) Hexachloroethane	7.328	117	98422	39.630	ng	100
19) n-Nitroso-di-n-propyla...	7.240	70	169684	39.968	ng	97
20) 3+4-Methylphenols	7.228	107	261546	39.039	ng	98
22) Acetophenone	7.234	105	340668	40.465	ng	99
24) Nitrobenzene	7.404	77	260320	40.936	ng	99
25) Isophorone	7.640	82	467682	41.473	ng	99
26) 2-Nitrophenol	7.716	139	129317	41.957	ng	100
27) 2,4-Dimethylphenol	7.757	122	212108	40.970	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	274851	40.415	ng	97
29) 2,4-Dichlorophenol	7.957	162	206446	40.897	ng	99
30) 1,2,4-Trichlorobenzene	8.040	180	231472	41.183	ng	98
31) Naphthalene	8.122	128	729936	40.637	ng	99
32) Benzoic acid	7.869	122	153086m	40.850	ng	
33) 4-Chloroaniline	8.175	127	308986	41.473	ng	98
34) Hexachlorobutadiene	8.240	225	141334	41.365	ng	99
35) Caprolactam	8.551	113	61720	42.228	ng	# 84
36) 4-Chloro-3-methylphenol	8.651	107	223428	42.157	ng	97
37) 2-Methylnaphthalene	8.816	142	489310	40.629	ng	100
38) 1-Methylnaphthalene	8.916	142	453289	40.567	ng	98
40) 1,2,4,5-Tetrachloroben...	8.981	216	230953	40.703	ng	98
41) Hexachlorocyclopentadiene	8.969	237	125187	42.784	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	143994	40.528	ng	100

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44) 2,4,5-Trichlorophenol	9.128	196	171295	41.850	ng	98
46) 1,1'-Biphenyl	9.281	154	606419	40.819	ng	100
47) 2-Chloronaphthalene	9.304	162	444986	40.979	ng	98
48) 2-Nitroaniline	9.404	65	141980	42.884	ng	97
49) Acenaphthylene	9.722	152	688957	41.103	ng	99
50) Dimethylphthalate	9.587	163	536602	41.949	ng	99
51) 2,6-Dinitrotoluene	9.645	165	118724	42.772	ng	98
52) Acenaphthene	9.898	154	465469	41.694	ng	98
53) 3-Nitroaniline	9.816	138	129703	43.826	ng	100
54) 2,4-Dinitrophenol	9.922	184	51654	41.602	ng #	84
55) Dibenzofuran	10.069	168	638009	41.104	ng	100
56) 4-Nitrophenol	9.969	139	91336	46.442	ng	99
57) 2,4-Dinitrotoluene	10.051	165	154590	43.850	ng	91
58) Fluorene	10.410	166	486297	41.279	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	135059	43.537	ng	95
60) Diethylphthalate	10.286	149	523000	40.754	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	245737	41.034	ng	99
62) 4-Nitroaniline	10.434	138	122593	45.451	ng	96
63) Azobenzene	10.569	77	475153	42.317	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	77412	40.675	ng	91
66) n-Nitrosodiphenylamine	10.528	169	434527	40.612	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	156788	41.742	ng	97
68) Hexachlorobenzene	10.957	284	164980	41.372	ng	98
69) Atrazine	11.057	200	110615	40.808	ng	97
70) Pentachlorophenol	11.151	266	99994	44.834	ng	98
71) Phenanthrene	11.381	178	716904	41.511	ng	98
72) Anthracene	11.433	178	730277	41.425	ng	99
73) Carbazole	11.586	167	609530	43.150	ng	100
74) Di-n-butylphthalate	11.928	149	750134	44.888	ng	99
75) Fluoranthene	12.575	202	694667	44.046	ng	100
77) Benzidine	12.698	184	133519	42.136	ng	99
78) Pyrene	12.804	202	699131	40.855	ng	99
80) Butylbenzylphthalate	13.433	149	243594	44.673	ng	95
81) Benzo(a)anthracene	13.998	228	503690	41.497	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	165163	42.386	ng	98
83) Chrysene	14.039	228	494139	41.612	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	291837	44.342	ng #	99
85) Di-n-octyl phthalate	14.621	149	455588	41.344	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	550313	39.693	ng	99
88) Benzo(b)fluoranthene	15.063	252	432115	41.363	ng	98
89) Benzo(k)fluoranthene	15.092	252	444278	42.231	ng	99
90) Benzo(a)pyrene	15.439	252	428864	41.621	ng	100
91) Dibenzo(a,h)anthracene	17.039	278	452250	39.360	ng	100
92) Benzo(g,h,i)perylene	17.480	276	456888	39.220	ng	96

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

