

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133695.D
 Acq On : 10 Jun 2023 02:31
 Operator : CG\JU
 Sample : 03092-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 10 02:59:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	95113	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	329161	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	138864	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	239136	20.000	ng	0.00
76) Chrysene-d12	14.016	240	122041	20.000	ng	0.00
86) Perylene-d12	15.480	264	101680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	579085	105.993	ng	0.03
7) Phenol-d6	6.475	99	647354	91.029	ng	0.00
23) Nitrobenzene-d5	7.404	82	480503	79.510	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	176482	100.401	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	805799	82.488	ng	0.00
79) Terphenyl-d14	12.957	244	726051	92.055	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	78296	32.597	ng	# 80
3) Pyridine	3.504	79	149331	21.330	ng	98
4) n-Nitrosodimethylamine	3.440	42	148641	38.410	ng	99
6) Aniline	6.498	93	66099	7.379	ng	# 80
8) 2-Chlorophenol	6.628	128	236758	41.121	ng	95
9) Benzaldehyde	6.393	77	54810	11.617	ng	98
10) Phenol	6.487	94	243339	32.769	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	223015	40.453	ng	95
12) 1,3-Dichlorobenzene	6.781	146	249926	40.627	ng	98
13) 1,4-Dichlorobenzene	6.857	146	251644	40.473	ng	99
14) 1,2-Dichlorobenzene	7.010	146	238948	42.531	ng	98
15) Benzyl Alcohol	6.981	79	197768	35.606	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	379634	40.624	ng	95
17) 2-Methylphenol	7.098	107	192775	37.775	ng	99
18) Hexachloroethane	7.351	117	64279	30.198	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	174159	38.491	ng	99
20) 3+4-Methylphenols	7.245	107	225526	33.971	ng	# 81
22) Acetophenone	7.251	105	337292	44.677	ng	98
24) Nitrobenzene	7.428	77	252078	41.424	ng	98
25) Isophorone	7.663	82	458624	41.337	ng	100
26) 2-Nitrophenol	7.739	139	97192	35.588	ng	99
27) 2,4-Dimethylphenol	7.781	122	201237	42.751	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	265407	41.389	ng	99
29) 2,4-Dichlorophenol	7.981	162	181716	39.389	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	198106	41.158	ng	97
31) Naphthalene	8.145	128	627947	39.157	ng	99
32) Benzoic acid	7.898	122	115438	38.885	ng	93
33) 4-Chloroaniline	8.198	127	21958	3.202	ng	97
34) Hexachlorobutadiene	8.257	225	128849	40.886	ng	99
35) Caprolactam	8.569	113	47463m	30.575	ng	
36) 4-Chloro-3-methylphenol	8.681	107	192945	36.284	ng	99
37) 2-Methylnaphthalene	8.839	142	396747	35.607	ng	97
38) 1-Methylnaphthalene	8.939	142	362879	35.392	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	183858	43.552	ng	99
41) Hexachlorocyclopentadiene	8.986	237	38360	20.390	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	118903	42.149	ng	96

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44) 2,4,5-Trichlorophenol	9.163	196	121584	37.046	ng	99
46) 1,1'-Biphenyl	9.304	154	489784	43.732	ng	100
47) 2-Chloronaphthalene	9.328	162	341957	42.566	ng	99
48) 2-Nitroaniline	9.422	65	128235	43.645	ng	93
49) Acenaphthylene	9.745	152	551794	39.463	ng	99
50) Dimethylphthalate	9.604	163	439222	42.375	ng	100
51) 2,6-Dinitrotoluene	9.669	165	80815	37.774	ng	97
52) Acenaphthene	9.916	154	330218	40.347	ng	100
53) 3-Nitroaniline	9.833	138	57413	22.052	ng	92
54) 2,4-Dinitrophenol	9.939	184	11843	16.235	ng	89
55) Dibenzofuran	10.086	168	486993	38.995	ng	97
56) 4-Nitrophenol	9.998	139	119577	68.053	ng	86
57) 2,4-Dinitrotoluene	10.069	165	96691	35.536	ng	98
58) Fluorene	10.433	166	361538	37.855	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	97559	39.704	ng	# 98
60) Diethylphthalate	10.304	149	440106	41.719	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	184133	39.054	ng	98
62) 4-Nitroaniline	10.451	138	87972	34.462	ng	96
63) Azobenzene	10.580	77	364719	36.521	ng	98
65) 4,6-Dinitro-2-methylph...	10.480	198	8442	7.388	ng	98
66) n-Nitrosodiphenylamine	10.539	169	316000	39.340	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	108234	40.551	ng	93
68) Hexachlorobenzene	10.980	284	119064	42.421	ng	92
69) Atrazine	11.069	200	84703	36.343	ng	97
70) Pentachlorophenol	11.175	266	115232	68.562	ng	98
71) Phenanthrene	11.398	178	486498	40.099	ng	100
72) Anthracene	11.451	178	498409	39.398	ng	98
73) Carbazole	11.604	167	464350	39.411	ng	99
74) Di-n-butylphthalate	11.933	149	613542	40.619	ng	99
75) Fluoranthene	12.586	202	502335	38.989	ng	99
77) Benzidine	12.710	184	45846	11.195	ng	99
78) Pyrene	12.816	202	495175	43.556	ng	99
80) Butylbenzylphthalate	13.433	149	227232	47.346	ng	97
81) Benzo(a)anthracene	14.004	228	343468	40.687	ng	98
82) 3,3'-Dichlorobenzidine	13.968	252	37071	13.209	ng	99
83) Chrysene	14.045	228	313351	39.246	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	294026	49.755	ng	98
85) Di-n-octyl phthalate	14.610	149	434568	51.748	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	250535	35.815	ng	98
88) Benzo(b)fluoranthene	15.057	252	264513	42.825	ng	98
89) Benzo(k)fluoranthene	15.086	252	266343	44.267	ng	97
90) Benzo(a)pyrene	15.421	252	224296	39.128	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	207038	35.750	ng	99
92) Benzo(g,h,i)perylene	17.398	276	178150	31.026	ng	98

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

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