

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040218.D
 Acq On : 13 Jun 2023 10:34
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 18:58:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 18:52:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	356160	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1585917	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	989779	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2120354	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1956237	20.000	ng	0.00
86) Perylene-d12	23.974	264	2228035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	235897	10.269	ng	0.00
7) Phenol-d6	7.134	99	310890	9.927	ng	0.00
23) Nitrobenzene-d5	9.145	82	278343	9.190	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	116872	8.464	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	716625	9.938	ng	0.00
79) Terphenyl-d14	19.974	244	1001096	9.944	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	52785	5.754	ng	96
3) Pyridine	3.804	79	126808	4.892	ng	98
4) n-Nitrosodimethylamine	3.710	42	61465	5.226	ng	# 98
6) Aniline	7.298	93	190669	4.960	ng	100
8) 2-Chlorophenol	7.534	128	123811	5.065	ng	97
9) Benzaldehyde	7.110	77	97341m	5.576	ng	
10) Phenol	7.157	94	154453	5.041	ng	98
11) bis(2-Chloroethyl)ether	7.392	93	132398	5.211	ng	98
12) 1,3-Dichlorobenzene	7.863	146	134587	5.333	ng	95
13) 1,4-Dichlorobenzene	8.010	146	135748	5.313	ng	99
14) 1,2-Dichlorobenzene	8.334	146	130896	5.239	ng	98
15) Benzyl Alcohol	8.216	79	106827	4.756	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	183767m	5.237	ng	
17) 2-Methylphenol	8.422	107	110121	4.900	ng	99
18) Hexachloroethane	9.063	117	47893	5.081	ng	98
19) n-Nitroso-di-n-propyla...	8.786	70	103072	4.900	ng	99
20) 3+4-Methylphenols	8.745	107	145848	4.744	ng	96
22) Acetophenone	8.804	105	198535	4.809	ng	# 99
24) Nitrobenzene	9.186	77	147315	4.739	ng	97
25) Isophorone	9.710	82	269195	4.575	ng	99
26) 2-Nitrophenol	9.898	139	54157	4.077	ng	99
27) 2,4-Dimethylphenol	9.957	122	114392	4.631	ng	97
28) bis(2-Chloroethoxy)met...	10.198	93	184127	4.978	ng	98
29) 2,4-Dichlorophenol	10.433	162	106036	4.531	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	118141	4.954	ng	98
31) Naphthalene	10.839	128	432068	5.071	ng	100
33) 4-Chloroaniline	10.951	127	178514	4.684	ng	100
34) Hexachlorobutadiene	11.128	225	65495	4.885	ng	98
35) Caprolactam	11.716	113	32382	3.971	ng	93
36) 4-Chloro-3-methylphenol	12.069	107	125031	4.606	ng	99
37) 2-Methylnaphthalene	12.445	142	304149	5.035	ng	100
38) 1-Methylnaphthalene	12.663	142	288717	5.060	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	128670	4.675	ng	100
41) Hexachlorocyclopentadiene	12.792	237	60092	3.969	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	81596	4.275	ng	99
44) 2,4,5-Trichlorophenol	13.121	196	99143	4.361	ng	98

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46) 1,1'-Biphenyl	13.451	154	385495	4.934	ng	99
47) 2-Chloronaphthalene	13.492	162	280751	4.853	ng	99
48) 2-Nitroaniline	13.698	65	73304	3.843	ng	97
49) Acenaphthylene	14.339	152	452574	4.690	ng	99
50) Dimethylphthalate	14.074	163	389754	4.949	ng	99
51) 2,6-Dinitrotoluene	14.192	165	67939	4.239	ng	98
52) Acenaphthene	14.680	154	285562	4.850	ng	99
53) 3-Nitroaniline	14.521	138	76347	4.010	ng	98
55) Dibenzofuran	15.015	168	466868	5.013	ng	99
56) 4-Nitrophenol	14.821	139	54658	3.673	ng	98
57) 2,4-Dinitrotoluene	14.974	165	85062	3.939	ng	98
58) Fluorene	15.663	166	370785	4.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	83577	4.519	ng	97
60) Diethylphthalate	15.433	149	389696	4.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	178044	4.774	ng	94
62) 4-Nitroaniline	15.680	138	73395	3.752	ng	98
63) Azobenzene	15.945	77	369536	4.547	ng	99
66) n-Nitrosodiphenylamine	15.868	169	312338	4.668	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	103286	4.653	ng	98
68) Hexachlorobenzene	16.662	284	114996	4.690	ng	96
69) Atrazine	16.815	200	87721	4.381	ng	100
70) Pentachlorophenol	17.009	266	68140	3.876	ng	96
71) Phenanthrene	17.404	178	576285	4.884	ng	100
72) Anthracene	17.492	178	546434	4.586	ng	99
73) Carbazole	17.762	167	514785	4.592	ng	99
74) Di-n-butylphthalate	18.327	149	601447	4.326	ng	98
75) Fluoranthene	19.415	202	605368	4.629	ng	99
77) Benzidine	19.598	184	156505	4.308	ng	100
78) Pyrene	19.774	202	636305	4.742	ng	99
80) Butylbenzylphthalate	20.668	149	256791	4.178	ng	94
81) Benzo(a)anthracene	21.521	228	627884	4.711	ng	98
82) 3,3'-Dichlorobenzidine	21.456	252	175947	3.855	ng	99
83) Chrysene	21.574	228	589834	4.677	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	404656	4.351	ng	# 97
85) Di-n-octyl phthalate	22.380	149	680276	4.379	ng	99
87) Indeno(1,2,3-cd)pyrene	26.491	276	686490	4.651	ng	97
88) Benzo(b)fluoranthene	23.227	252	590593	4.428	ng	98
89) Benzo(k)fluoranthene	23.274	252	596030	4.346	ng	99
90) Benzo(a)pyrene	23.862	252	542943	4.292	ng	98
91) Dibenzo(a,h)anthracene	26.515	278	571328	4.552	ng	98
92) Benzo(g,h,i)perylene	27.274	276	557963	4.967	ng	98

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

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