

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012523\
 Data File : BM038533.D
 Acq On : 25 Jan 2023 15:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2023
 Supervised By : Jagrut Upadhyay 01/26/2023

Quant Time: Jan 25 23:16:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	57787	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	217098	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	157514	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	389425	20.000	ng	0.00
76) Chrysene-d12	21.515	240	457084	20.000	ng	0.00
86) Perylene-d12	23.927	264	524254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	292593	83.703	ng	0.00
7) Phenol-d6	7.128	99	380361	85.283	ng	0.00
23) Nitrobenzene-d5	9.139	82	421289	84.268	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	212550	93.707	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1045482	81.761	ng	0.00
79) Terphenyl-d14	19.956	244	1846017	78.735	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	66301	40.438	ng	96
3) Pyridine	3.787	79	180411	41.896	ng	97
4) n-Nitrosodimethylamine	3.704	42	90110	44.081	ng	96
6) Aniline	7.293	93	235155	42.477	ng	99
8) 2-Chlorophenol	7.528	128	151987	42.562	ng	98
9) Benzaldehyde	7.104	77	108297m	40.937	ng	
10) Phenol	7.157	94	189755	42.577	ng	96
11) bis(2-Chloroethyl)ether	7.393	93	151888	43.195	ng	97
12) 1,3-Dichlorobenzene	7.851	146	169340	41.712	ng	98
13) 1,4-Dichlorobenzene	7.998	146	172725	42.108	ng	99
14) 1,2-Dichlorobenzene	8.316	146	169761	42.727	ng	99
15) Benzyl Alcohol	8.216	79	152467	45.722	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	159625	43.228	ng	99
17) 2-Methylphenol	8.410	107	137560	43.611	ng	97
18) Hexachloroethane	9.045	117	67608	44.334	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	140609	46.196	ng	97
20) 3+4-Methylphenols	8.745	107	188136	44.502	ng	97
22) Acetophenone	8.798	105	248358	41.527	ng	# 97
24) Nitrobenzene	9.181	77	213099	42.127	ng	98
25) Isophorone	9.704	82	350661	42.503	ng	98
26) 2-Nitrophenol	9.892	139	82987	41.331	ng	98
27) 2,4-Dimethylphenol	9.951	122	137639	41.189	ng	93
28) bis(2-Chloroethoxy)met...	10.186	93	207479	42.989	ng	99
29) 2,4-Dichlorophenol	10.422	162	169559	43.251	ng	100
30) 1,2,4-Trichlorobenzene	10.639	180	192218	42.874	ng	97
31) Naphthalene	10.828	128	486391	41.240	ng	98
32) Benzoic acid	10.092	122	98630	38.893	ng	93
33) 4-Chloroaniline	10.945	127	210171	42.694	ng	97
34) Hexachlorobutadiene	11.098	225	127838	43.349	ng	99
35) Caprolactam	11.739	113	42779	45.009	ng	97
36) 4-Chloro-3-methylphenol	12.063	107	162005	45.444	ng	95
37) 2-Methylnaphthalene	12.427	142	368056	43.424	ng	97
38) 1-Methylnaphthalene	12.651	142	346113	43.298	ng	97
40) 1,2,4,5-Tetrachloroben...	12.798	216	238252	40.210	ng	98
41) Hexachlorocyclopentadiene	12.769	237	134866	41.414	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	155345	40.956	ng	99

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44) 2,4,5-Trichlorophenol	13.110	196	181323	40.816	ng	97
46) 1,1'-Biphenyl	13.439	154	497059	39.403	ng	99
47) 2-Chloronaphthalene	13.480	162	391459	39.752	ng	99
48) 2-Nitroaniline	13.692	65	124107	42.915	ng	97
49) Acenaphthylene	14.321	152	630280	40.909	ng	99
50) Dimethylphthalate	14.063	163	500557	41.283	ng	99
51) 2,6-Dinitrotoluene	14.186	165	107291	42.047	ng	97
52) Acenaphthene	14.663	154	383336	40.797	ng	97
53) 3-Nitroaniline	14.516	138	109130	43.037	ng	98
54) 2,4-Dinitrophenol	14.727	184	74069	39.673	ng	94
55) Dibenzofuran	14.998	168	658056	41.890	ng	99
56) 4-Nitrophenol	14.821	139	85820	41.097	ng	91
57) 2,4-Dinitrotoluene	14.974	165	153514	44.381	ng	# 96
58) Fluorene	15.645	166	562648	44.168	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	161113	44.369	ng	99
60) Diethylphthalate	15.416	149	520448	43.831	ng	100
61) 4-Chlorophenyl-phenyle...	15.633	204	297966	44.552	ng	99
62) 4-Nitroaniline	15.680	138	119378	41.315	ng	97
63) Azobenzene	15.927	77	554424	44.070	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	106774	42.240	ng	99
66) n-Nitrosodiphenylamine	15.851	169	477529	40.847	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	182060	42.148	ng	98
68) Hexachlorobenzene	16.645	284	198128	42.506	ng	99
69) Atrazine	16.804	200	164758	42.242	ng	99
70) Pentachlorophenol	16.992	266	147257	44.370	ng	97
71) Phenanthrene	17.386	178	917978	42.211	ng	100
72) Anthracene	17.474	178	949793	42.921	ng	100
73) Carbazole	17.751	167	843314	43.274	ng	100
74) Di-n-butylphthalate	18.298	149	950325	44.387	ng	100
75) Fluoranthene	19.392	202	1169390	44.741	ng	99
77) Benzidine	19.580	184	438432	42.092	ng	99
78) Pyrene	19.756	202	1265829	39.772	ng	99
80) Butylbenzylphthalate	20.645	149	456971	41.521	ng	99
81) Benzo(a)anthracene	21.497	228	1335132	41.223	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	449721	43.228	ng	98
83) Chrysene	21.556	228	1312700	41.444	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	690513	43.293	ng	99
85) Di-n-octyl phthalate	22.339	149	1235844	43.575	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	1628092	41.968	ng	100
88) Benzo(b)fluoranthene	23.191	252	1347863	42.620	ng	100
89) Benzo(k)fluoranthene	23.239	252	1381856	42.228	ng	99
90) Benzo(a)pyrene	23.821	252	1335837	42.605	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1361531	42.165	ng	99
92) Benzo(g,h,i)perylene	27.221	276	1375125	41.574	ng	99

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

