

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
 Data File : BM038493.D
 Acq On : 19 Jan 2023 18:28
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 02:48:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	44075	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	163963	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	103619	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	237085	20.000	ng	0.00
76) Chrysene-d12	21.521	240	266017	20.000	ng	0.00
86) Perylene-d12	23.933	264	299851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	219837	76.084	ng	0.00
7) Phenol-d6	7.134	99	323118	87.299	ng	0.00
23) Nitrobenzene-d5	9.145	82	368996	91.696	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	130151	74.301	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	693066	83.414	ng	0.00
79) Terphenyl-d14	19.956	244	1282254	90.235	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	58022	43.942	ng	95
3) Pyridine	3.793	79	163508	42.806	ng	98
4) n-Nitrosodimethylamine	3.704	42	109794	48.581	ng	95
6) Aniline	7.298	93	207419	44.367	ng	99
8) 2-Chlorophenol	7.534	128	123262	43.088	ng	94
9) Benzaldehyde	7.110	77	106715m	43.116	ng	
10) Phenol	7.163	94	171423	44.444	ng	94
11) bis(2-Chloroethyl)ether	7.398	93	139032	44.480	ng	97
12) 1,3-Dichlorobenzene	7.857	146	130135	42.463	ng	99
13) 1,4-Dichlorobenzene	8.004	146	131763	42.736	ng	97
14) 1,2-Dichlorobenzene	8.322	146	128907	42.760	ng	97
15) Benzyl Alcohol	8.222	79	136813	46.151	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	216326	49.640	ng	99
17) 2-Methylphenol	8.422	107	116892	44.870	ng	97
18) Hexachloroethane	9.051	117	58107	46.012	ng	92
19) n-Nitroso-di-n-propyla...	8.786	70	128497	47.827	ng	95
20) 3+4-Methylphenols	8.751	107	156930	44.866	ng	98
22) Acetophenone	8.804	105	215468	44.458	ng	96
24) Nitrobenzene	9.186	77	195622	46.010	ng	95
25) Isophorone	9.710	82	315510	44.264	ng	98
26) 2-Nitrophenol	9.898	139	63369	42.451	ng	98
27) 2,4-Dimethylphenol	9.957	122	106288	41.815	ng	96
28) bis(2-Chloroethoxy)met...	10.192	93	180283	44.973	ng	97
29) 2,4-Dichlorophenol	10.433	162	116031	41.321	ng	98
30) 1,2,4-Trichlorobenzene	10.645	180	131524	40.504	ng	98
31) Naphthalene	10.833	128	368939	42.458	ng	99
32) Benzoic acid	10.092	122	73328	36.207	ng	92
33) 4-Chloroaniline	10.951	127	160369	42.047	ng	95
34) Hexachlorobutadiene	11.110	225	87671	38.500	ng	97
35) Caprolactam	11.745	113	31292	39.427	ng	# 68
36) 4-Chloro-3-methylphenol	12.069	107	129964	42.449	ng	97
37) 2-Methylnaphthalene	12.439	142	257673	40.554	ng	97
38) 1-Methylnaphthalene	12.657	142	246442	41.315	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	158194	40.791	ng	99
41) Hexachlorocyclopentadiene	12.774	237	88112	39.958	ng	96
43) 2,4,6-Trichlorophenol	13.045	196	100706	41.078	ng	97

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44) 2,4,5-Trichlorophenol	13.116	196	119059	41.191	ng	97
46) 1,1'-Biphenyl	13.445	154	334082	41.558	ng	96
47) 2-Chloronaphthalene	13.486	162	263363	41.623	ng	98
48) 2-Nitroaniline	13.698	65	110527	44.885	ng	91
49) Acenaphthylene	14.333	152	420839	42.187	ng	99
50) Dimethylphthalate	14.068	163	338744	40.338	ng	98
51) 2,6-Dinitrotoluene	14.192	165	69572	40.724	ng	90
52) Acenaphthene	14.668	154	251521	41.490	ng	98
53) 3-Nitroaniline	14.521	138	73641	39.640	ng	93
54) 2,4-Dinitrophenol	14.733	184	45163	36.057	ng	92
55) Dibenzofuran	15.004	168	423979	41.077	ng	99
56) 4-Nitrophenol	14.827	139	57324	38.541	ng	# 83
57) 2,4-Dinitrotoluene	14.980	165	95356	40.152	ng	90
58) Fluorene	15.651	166	356759	41.369	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.227	232	98375	38.386	ng	95
60) Diethylphthalate	15.421	149	349400	40.559	ng	98
61) 4-Chlorophenyl-phenylether	15.645	204	191851	40.528	ng	99
62) 4-Nitroaniline	15.680	138	76844	39.093	ng	98
63) Azobenzene	15.933	77	461191	48.654	ng	95
65) 4,6-Dinitro-2-methylph...	15.739	198	67129	41.725	ng	88
66) n-Nitrosodiphenylamine	15.857	169	297198	42.722	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	111838	40.780	ng	98
68) Hexachlorobenzene	16.651	284	119076	38.775	ng	95
69) Atrazine	16.809	200	103222	41.960	ng	98
70) Pentachlorophenol	16.998	266	88631	39.535	ng	98
71) Phenanthrene	17.392	178	560291	42.716	ng	100
72) Anthracene	17.480	178	567429	42.093	ng	99
73) Carbazole	17.756	167	504901	42.830	ng	100
74) Di-n-butylphthalate	18.304	149	614845	43.914	ng	99
75) Fluoranthene	19.398	202	696909	42.264	ng	99
77) Benzidine	19.586	184	257031	44.097	ng	98
78) Pyrene	19.762	202	764194	43.167	ng	99
80) Butylbenzylphthalate	20.650	149	286918	44.340	ng	89
81) Benzo(a)anthracene	21.503	228	820805	42.901	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	261286	42.412	ng	100
83) Chrysene	21.556	228	803193	43.200	ng	98
84) Bis(2-ethylhexyl)phtha...	21.415	149	423897	45.569	ng	# 96
85) Di-n-octyl phthalate	22.344	149	742954	45.393	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.462	276	965518	43.510	ng	98
88) Benzo(b)fluoranthene	23.197	252	790618m	42.523	ng	
89) Benzo(k)fluoranthene	23.244	252	827547	43.040	ng	100
90) Benzo(a)pyrene	23.827	252	791420	43.375	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	812054	43.608	ng	98
92) Benzo(g,h,i)perylene	27.232	276	785856	42.537	ng	96

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

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