

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038518.D
 Acq On : 23 Jan 2023 20:54
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 05:17:37 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	50603	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	186520	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	135079	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	350436	20.000	ng	0.00
76) Chrysene-d12	21.515	240	413532	20.000	ng	0.00
86) Perylene-d12	23.933	264	478255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	258684	84.508	ng	0.00
7) Phenol-d6	7.128	99	335280	85.848	ng	0.00
23) Nitrobenzene-d5	9.139	82	363440	84.615	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	195593	100.553	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	901696	82.228	ng	0.00
79) Terphenyl-d14	19.956	244	1688533	79.603	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	58087	40.458	ng	97
3) Pyridine	3.787	79	143922	38.167	ng	96
4) n-Nitrosodimethylamine	3.699	42	79381	44.346	ng	90
6) Aniline	7.298	93	203964	42.074	ng	98
8) 2-Chlorophenol	7.528	128	134356	42.966	ng	96
9) Benzaldehyde	7.110	77	94109m	40.624	ng	
10) Phenol	7.157	94	164268	42.091	ng	93
11) bis(2-Chloroethyl)ether	7.393	93	128338	41.679	ng	97
12) 1,3-Dichlorobenzene	7.851	146	145605	40.958	ng	96
13) 1,4-Dichlorobenzene	8.004	146	146805	40.870	ng	99
14) 1,2-Dichlorobenzene	8.322	146	148447	42.666	ng	97
15) Benzyl Alcohol	8.216	79	131679	45.094	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	132164	40.872	ng	96
17) 2-Methylphenol	8.416	107	119175	43.146	ng	95
18) Hexachloroethane	9.045	117	58628	43.904	ng	95
19) n-Nitroso-di-n-propyla...	8.781	70	120432	45.181	ng	99
20) 3+4-Methylphenols	8.745	107	161252	43.558	ng	95
22) Acetophenone	8.798	105	214985	41.840	ng	# 98
24) Nitrobenzene	9.181	77	184641	42.486	ng	96
25) Isophorone	9.710	82	305572	43.109	ng	98
26) 2-Nitrophenol	9.892	139	72038	41.760	ng	97
27) 2,4-Dimethylphenol	9.951	122	118130	41.146	ng	93
28) bis(2-Chloroethoxy)met...	10.186	93	179691	43.335	ng	99
29) 2,4-Dichlorophenol	10.428	162	145129	43.089	ng	98
30) 1,2,4-Trichlorobenzene	10.639	180	163481	42.442	ng	99
31) Naphthalene	10.828	128	420023	41.451	ng	99
32) Benzoic acid	10.086	122	86247	39.486	ng	98
33) 4-Chloroaniline	10.945	127	183967	43.498	ng	97
34) Hexachlorobutadiene	11.098	225	111938	44.180	ng	97
35) Caprolactam	11.739	113	38101	46.659	ng	92
36) 4-Chloro-3-methylphenol	12.063	107	141197	46.100	ng	95
37) 2-Methylnaphthalene	12.433	142	315218	43.287	ng	98
38) 1-Methylnaphthalene	12.651	142	297434	43.308	ng	96
40) 1,2,4,5-Tetrachloroben...	12.798	216	208710	41.075	ng	99
41) Hexachlorocyclopentadiene	12.769	237	115887	41.496	ng	96
43) 2,4,6-Trichlorophenol	13.039	196	136232	41.883	ng	100

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44) 2,4,5-Trichlorophenol	13.110	196	159431	41.849	ng	98
46) 1,1'-Biphenyl	13.439	154	432698	39.998	ng	99
47) 2-Chloronaphthalene	13.480	162	339806	40.238	ng	99
48) 2-Nitroaniline	13.698	65	108356	43.691	ng	98
49) Acenaphthylene	14.327	152	548142	41.487	ng	100
50) Dimethylphthalate	14.063	163	440770	42.389	ng	99
51) 2,6-Dinitrotoluene	14.186	165	94325	43.105	ng	92
52) Acenaphthene	14.663	154	335873	41.682	ng	99
53) 3-Nitroaniline	14.521	138	95704	44.010	ng	99
54) 2,4-Dinitrophenol	14.727	184	67093	41.631	ng	96
55) Dibenzofuran	14.998	168	583218	43.292	ng	97
56) 4-Nitrophenol	14.821	139	79828	44.577	ng	94
57) 2,4-Dinitrotoluene	14.974	165	134823	45.451	ng	93
58) Fluorene	15.645	166	498402	45.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	142484	45.756	ng	99
60) Diethylphthalate	15.416	149	463418	45.510	ng	99
61) 4-Chlorophenyl-phenylether	15.639	204	262609	45.787	ng	98
62) 4-Nitroaniline	15.680	138	106426	42.815	ng	93
63) Azobenzene	15.933	77	488363	45.266	ng	98
65) 4,6-Dinitro-2-methylphthalate	15.733	198	98532	43.317	ng	98
66) n-Nitrosodiphenylamine	15.857	169	422165	40.129	ng	99
67) 4-Bromophenyl-phenylether	16.533	248	162845	41.894	ng	97
68) Hexachlorobenzene	16.645	284	178251	42.496	ng	99
69) Atrazine	16.804	200	149082	42.475	ng	99
70) Pentachlorophenol	16.992	266	134707	45.105	ng	99
71) Phenanthrene	17.386	178	831937	42.511	ng	100
72) Anthracene	17.474	178	856456	43.009	ng	100
73) Carbazole	17.751	167	770568	43.941	ng	99
74) Di-n-butylphthalate	18.298	149	835984	43.391	ng	100
75) Fluoranthene	19.398	202	1062367	45.168	ng	98
77) Benzidine	19.586	184	399362	42.379	ng	98
78) Pyrene	19.756	202	1159264	40.260	ng	100
80) Butylbenzylphthalate	20.645	149	401000	40.273	ng	97
81) Benzo(a)anthracene	21.503	228	1217648	41.555	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	401606	42.669	ng	99
83) Chrysene	21.556	228	1193327	41.643	ng	100
84) Bis(2-ethylhexyl)phthalate	21.415	149	593365	41.120	ng	100
85) Di-n-octyl phthalate	22.339	149	1041782	40.601	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	1486457	42.003	ng	99
88) Benzo(b)fluoranthene	23.197	252	1204349	41.745	ng	99
89) Benzo(k)fluoranthene	23.244	252	1287941	43.143	ng	99
90) Benzo(a)pyrene	23.827	252	1213974	42.442	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1228862	41.716	ng	99
92) Benzo(g,h,i)perylene	27.227	276	1254479	41.575	ng	98

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

