

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012423\
 Data File : BM038520.D
 Acq On : 24 Jan 2023 10:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 03:13:00 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	54896	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	204477	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	146208	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	360451	20.000	ng	0.00
76) Chrysene-d12	21.515	240	422107	20.000	ng	0.00
86) Perylene-d12	23.927	264	485488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	283453	85.359	ng	0.00
7) Phenol-d6	7.128	99	361044	85.215	ng	0.00
23) Nitrobenzene-d5	9.140	82	395448	83.982	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	194809	92.527	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	966977	81.469	ng	0.00
79) Terphenyl-d14	19.956	244	1682376	77.701	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	63963	41.067	ng	97
3) Pyridine	3.787	79	181323	44.325	ng	95
4) n-Nitrosodimethylamine	3.699	42	87224	44.916	ng	90
6) Aniline	7.293	93	223503	42.499	ng	95
8) 2-Chlorophenol	7.528	128	144974	42.736	ng	98
9) Benzaldehyde	7.104	77	106254m	42.280	ng	
10) Phenol	7.157	94	180568	42.650	ng	98
11) bis(2-Chloroethyl)ether	7.393	93	141558	42.377	ng	98
12) 1,3-Dichlorobenzene	7.851	146	163063	42.282	ng	98
13) 1,4-Dichlorobenzene	7.998	146	163251	41.894	ng	98
14) 1,2-Dichlorobenzene	8.316	146	159234	42.188	ng	98
15) Benzyl Alcohol	8.210	79	146200	46.151	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.493	45	147931	42.171	ng	100
17) 2-Methylphenol	8.410	107	130638	43.597	ng	97
18) Hexachloroethane	9.045	117	63361	43.737	ng	98
19) n-Nitroso-di-n-propyla...	8.781	70	131471	45.466	ng	98
20) 3+4-Methylphenols	8.745	107	176916	44.052	ng	98
22) Acetophenone	8.798	105	232872	41.341	ng	# 97
24) Nitrobenzene	9.181	77	202087	42.416	ng	94
25) Isophorone	9.704	82	327660	42.166	ng	99
26) 2-Nitrophenol	9.892	139	79366	41.967	ng	97
27) 2,4-Dimethylphenol	9.951	122	130686	41.522	ng	95
28) bis(2-Chloroethoxy)met...	10.187	93	192193	42.279	ng	99
29) 2,4-Dichlorophenol	10.422	162	157940	42.774	ng	97
30) 1,2,4-Trichlorobenzene	10.639	180	180875	42.834	ng	99
31) Naphthalene	10.828	128	456468	41.092	ng	100
32) Benzoic acid	10.087	122	92517	38.757	ng	94
33) 4-Chloroaniline	10.945	127	198778	42.872	ng	99
34) Hexachlorobutadiene	11.098	225	123290	44.387	ng	98
35) Caprolactam	11.739	113	40547	45.294	ng	100
36) 4-Chloro-3-methylphenol	12.063	107	150599	44.852	ng	97
37) 2-Methylnaphthalene	12.433	142	343731	43.057	ng	98
38) 1-Methylnaphthalene	12.651	142	322656	42.855	ng	97
40) 1,2,4,5-Tetrachloroben...	12.798	216	225388	40.981	ng	98
41) Hexachlorocyclopentadiene	12.769	237	127200	42.080	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	145426	41.306	ng	99

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44) 2,4,5-Trichlorophenol	13.110	196	170785	41.417	ng	99
46) 1,1'-Biphenyl	13.439	154	464225	39.646	ng	99
47) 2-Chloronaphthalene	13.480	162	366111	40.053	ng	100
48) 2-Nitroaniline	13.692	65	113685	42.351	ng	96
49) Acenaphthylene	14.327	152	584155	40.848	ng	99
50) Dimethylphthalate	14.063	163	463439	41.177	ng	100
51) 2,6-Dinitrotoluene	14.186	165	98059	41.400	ng	94
52) Acenaphthene	14.663	154	355291	40.736	ng	97
53) 3-Nitroaniline	14.516	138	99930	42.456	ng	# 96
54) 2,4-Dinitrophenol	14.727	184	69721	40.163	ng	97
55) Dibenzofuran	14.998	168	610389	41.860	ng	97
56) 4-Nitrophenol	14.822	139	82502	42.563	ng	97
57) 2,4-Dinitrotoluene	14.974	165	139746	43.525	ng	99
58) Fluorene	15.645	166	509336	43.075	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	146532	43.474	ng	99
60) Diethylphthalate	15.416	149	476198	43.205	ng	99
61) 4-Chlorophenyl-phenylether	15.639	204	272047	43.822	ng	97
62) 4-Nitroaniline	15.680	138	109043	40.711	ng	99
63) Azobenzene	15.927	77	501134	42.914	ng	99
65) 4,6-Dinitro-2-methylphthalate	15.733	198	99364	42.469	ng	97
66) n-Nitrosodiphenylamine	15.857	169	437109	40.395	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	167843	41.980	ng	99
68) Hexachlorobenzene	16.645	284	185241	42.936	ng	99
69) Atrazine	16.804	200	155132	42.971	ng	99
70) Pentachlorophenol	16.992	266	136923	44.573	ng	99
71) Phenanthrene	17.386	178	832984	41.382	ng	100
72) Anthracene	17.474	178	859262	41.951	ng	100
73) Carbazole	17.751	167	776297	43.037	ng	100
74) Di-n-butylphthalate	18.298	149	838020	42.288	ng	100
75) Fluoranthene	19.392	202	1059939	43.813	ng	99
77) Benzidine	19.580	184	411515	42.782	ng	99
78) Pyrene	19.756	202	1158008	39.399	ng	99
80) Butylbenzylphthalate	20.645	149	406094	39.956	ng	98
81) Benzo(a)anthracene	21.498	228	1220749	40.814	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	408580	42.528	ng	98
83) Chrysene	21.551	228	1207702	41.289	ng	100
84) Bis(2-ethylhexyl)phthalate	21.409	149	608611	41.320	ng	100
85) Di-n-octyl phthalate	22.333	149	1078099	41.163	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	1502661	41.828	ng	99
88) Benzo(b)fluoranthene	23.192	252	1254972	42.852	ng	99
89) Benzo(k)fluoranthene	23.239	252	1239413	40.899	ng	99
90) Benzo(a)pyrene	23.821	252	1220005	42.017	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1252571	41.888	ng	99
92) Benzo(g,h,i)perylene	27.221	276	1255117	40.976	ng	98

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

