

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012423\
 Data File : BM038524.D
 Acq On : 24 Jan 2023 14:07
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 03:15:15 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	63407	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	222818	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	149264	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	355387	20.000	ng	0.00
76) Chrysene-d12	21.515	240	395052	20.000	ng	0.00
86) Perylene-d12	23.927	264	450524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	309401	80.666	ng	0.00
7) Phenol-d6	7.128	99	396241	80.969	ng	0.00
23) Nitrobenzene-d5	9.139	82	419807	81.816	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	193374	89.965	ng	0.00
45) 2-Fluorobiphenyl	13.227	172	1005025	82.941	ng	0.00
79) Terphenyl-d14	19.956	244	1629896	80.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	70383	39.123	ng	99
3) Pyridine	3.787	79	190536	40.325	ng	98
4) n-Nitrosodimethylamine	3.699	42	86240	38.449	ng	98
6) Aniline	7.293	93	247882	40.808	ng	99
8) 2-Chlorophenol	7.522	128	161559	41.233	ng	98
9) Benzaldehyde	7.104	77	113525m	39.109	ng	
10) Phenol	7.151	94	198690	40.631	ng	96
11) bis(2-Chloroethyl)ether	7.387	93	156162	40.474	ng	97
12) 1,3-Dichlorobenzene	7.845	146	180808	40.590	ng	98
13) 1,4-Dichlorobenzene	7.998	146	184486	40.989	ng	99
14) 1,2-Dichlorobenzene	8.316	146	178189	40.873	ng	100
15) Benzyl Alcohol	8.210	79	153384	41.920	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.498	45	161449	39.847	ng	96
17) 2-Methylphenol	8.410	107	143480	41.456	ng	99
18) Hexachloroethane	9.039	117	69494	41.532	ng	96
19) n-Nitroso-di-n-propyla...	8.775	70	137679	41.206	ng	99
20) 3+4-Methylphenols	8.739	107	194088	41.841	ng	96
22) Acetophenone	8.792	105	247931	40.391	ng	# 99
24) Nitrobenzene	9.181	77	212967	41.020	ng	100
25) Isophorone	9.704	82	350065	41.341	ng	99
26) 2-Nitrophenol	9.892	139	86259	41.858	ng	96
27) 2,4-Dimethylphenol	9.945	122	141590	41.284	ng	98
28) bis(2-Chloroethoxy)met...	10.186	93	208276	42.046	ng	98
29) 2,4-Dichlorophenol	10.422	162	170498	42.374	ng	97
30) 1,2,4-Trichlorobenzene	10.633	180	191635	41.647	ng	98
31) Naphthalene	10.828	128	493235	40.747	ng	100
32) Benzoic acid	10.081	122	101444	38.964	ng	99
33) 4-Chloroaniline	10.945	127	212213	42.003	ng	99
34) Hexachlorobutadiene	11.098	225	126670	41.850	ng	99
35) Caprolactam	11.739	113	44007	45.113	ng	93
36) 4-Chloro-3-methylphenol	12.063	107	158799	43.401	ng	96
37) 2-Methylnaphthalene	12.427	142	368287	42.335	ng	97
38) 1-Methylnaphthalene	12.651	142	344489	41.988	ng	98
40) 1,2,4,5-Tetrachloroben...	12.792	216	231335	41.201	ng	98
41) Hexachlorocyclopentadiene	12.769	237	131266	42.536	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	150518	41.877	ng	99

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44) 2,4,5-Trichlorophenol	13.110	196	174611	41.477	ng	98
46) 1,1'-Biphenyl	13.433	154	483213	40.423	ng	100
47) 2-Chloronaphthalene	13.480	162	382303	40.968	ng	98
48) 2-Nitroaniline	13.692	65	114987	41.959	ng	97
49) Acenaphthylene	14.321	152	608591	41.685	ng	99
50) Dimethylphthalate	14.063	163	484636	42.179	ng	100
51) 2,6-Dinitrotoluene	14.186	165	102264	42.292	ng	95
52) Acenaphthene	14.663	154	364314	40.915	ng	99
53) 3-Nitroaniline	14.516	138	104959	43.680	ng	98
54) 2,4-Dinitrophenol	14.727	184	72834	40.984	ng	96
55) Dibenzofuran	14.998	168	620904	41.709	ng	99
56) 4-Nitrophenol	14.821	139	83905	42.401	ng	98
57) 2,4-Dinitrotoluene	14.974	165	143207	43.689	ng	99
58) Fluorene	15.645	166	514400	42.613	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	150284	43.674	ng	99
60) Diethylphthalate	15.416	149	477169	42.407	ng	100
61) 4-Chlorophenyl-phenyle...	15.633	204	266936	42.118	ng	100
62) 4-Nitroaniline	15.674	138	111834	40.882	ng	99
63) Azobenzene	15.927	77	498377	41.805	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	101492	43.996	ng	96
66) n-Nitrosodiphenylamine	15.851	169	436847	40.946	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	163915	41.581	ng	99
68) Hexachlorobenzene	16.645	284	178639	41.995	ng	99
69) Atrazine	16.804	200	153711	43.184	ng	97
70) Pentachlorophenol	16.992	266	135498	44.737	ng	98
71) Phenanthrene	17.386	178	824570	41.548	ng	100
72) Anthracene	17.474	178	843138	41.751	ng	100
73) Carbazole	17.751	167	759411	42.701	ng	100
74) Di-n-butylphthalate	18.298	149	649695	33.252	ng	100
75) Fluoranthene	19.392	202	991411	41.564	ng	99
77) Benzidine	19.580	184	376206	41.790	ng	99
78) Pyrene	19.756	202	1124040	40.863	ng	100
80) Butylbenzylphthalate	20.645	149	388223	40.814	ng	99
81) Benzo(a)anthracene	21.497	228	1160377	41.453	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	383033	42.599	ng	100
83) Chrysene	21.556	228	1133967	41.423	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	566093	41.065	ng	99
85) Di-n-octyl phthalate	22.339	149	987782	40.298	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	1364947	40.943	ng	99
88) Benzo(b)fluoranthene	23.191	252	1147159	42.210	ng	99
89) Benzo(k)fluoranthene	23.239	252	1190094	42.320	ng	99
90) Benzo(a)pyrene	23.821	252	1134505	42.105	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1133013	40.830	ng	99
92) Benzo(g,h,i)perylene	27.221	276	1152315	40.540	ng	98

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

