

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012023\
 Data File : BM038502.D
 Acq On : 20 Jan 2023 16:32
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 21 00:09:33 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 00:02:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	96655	20.000	ng	0.00
21) Naphthalene-d8	10.780	136	330079	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	219868	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	500890	20.000	ng	0.00
76) Chrysene-d12	21.521	240	511418	20.000	ng	0.00
86) Perylene-d12	23.938	264	583961	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	851232	145.590	ng	0.00
7) Phenol-d6	7.140	99	1133228	151.911	ng	0.00
23) Nitrobenzene-d5	9.151	82	1197346	157.522	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	535661	169.183	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	2806037	157.209	ng	0.00
79) Terphenyl-d14	19.962	244	3978246	151.650	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	175308	64.098	ng	99
3) Pyridine	3.793	79	533707m	77.182	ng	
4) n-Nitrosodimethylamine	3.704	42	229372	68.186	ng	98
6) Aniline	7.304	93	706276	76.275	ng	97
8) 2-Chlorophenol	7.534	128	462728	77.473	ng	95
10) Phenol	7.169	94	562962	75.521	ng	96
11) bis(2-Chloroethyl)ether	7.398	93	436799	74.267	ng	98
12) 1,3-Dichlorobenzene	7.857	146	513298	75.593	ng	98
13) 1,4-Dichlorobenzene	8.004	146	519015	75.647	ng	99
14) 1,2-Dichlorobenzene	8.328	146	513937	77.335	ng	97
15) Benzyl Alcohol	8.222	79	435065	78.002	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.510	45	439968m	70.885	ng	
17) 2-Methylphenol	8.422	107	415782	78.808	ng	97
18) Hexachloroethane	9.051	117	195106	76.492	ng	98
19) n-Nitroso-di-n-propyla...	8.792	70	395493	82.550	ng	97
20) 3+4-Methylphenols	8.757	107	566565	80.125	ng	98
22) Acetophenone	8.810	105	732524	80.558	ng	# 97
24) Nitrobenzene	9.192	77	584845	76.043	ng	97
25) Isophorone	9.722	82	1018006	81.155	ng	98
26) 2-Nitrophenol	9.898	139	266305	87.233	ng	93
27) 2,4-Dimethylphenol	9.957	122	430289	84.691	ng	97
28) bis(2-Chloroethoxy)met...	10.198	93	590652	80.491	ng	100
29) 2,4-Dichlorophenol	10.433	162	499788	83.850	ng	97
30) 1,2,4-Trichlorobenzene	10.645	180	543212	79.691	ng	100
31) Naphthalene	10.833	128	1478657	82.460	ng	100
32) Benzoic acid	10.145	122	340311	93.995	ng	98
33) 4-Chloroaniline	10.951	127	643905	86.032	ng	97
34) Hexachlorobutadiene	11.104	225	349243	77.891	ng	97
35) Caprolactam	11.775	113	133673	92.502	ng	92
36) 4-Chloro-3-methylphenol	12.075	107	464015	85.609	ng	99
37) 2-Methylnaphthalene	12.439	142	1102951	85.587	ng	99
38) 1-Methylnaphthalene	12.657	142	1036361	85.270	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	634604	76.730	ng	99
41) Hexachlorocyclopentadiene	12.774	237	390809	85.974	ng	100
43) 2,4,6-Trichlorophenol	13.045	196	429701	81.161	ng	99
44) 2,4,5-Trichlorophenol	13.121	196	498444	80.380	ng	97

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46) 1,1'-Biphenyl	13.445	154	1451297	82.420	ng	100
47) 2-Chloronaphthalene	13.492	162	1118513	81.372	ng	99
48) 2-Nitroaniline	13.704	65	343187	85.015	ng	91
49) Acenaphthylene	14.333	152	1808094	84.075	ng	99
50) Dimethylphthalate	14.074	163	1414250	83.560	ng	100
51) 2,6-Dinitrotoluene	14.198	165	308649	86.654	ng	95
52) Acenaphthene	14.674	154	1090689	83.158	ng	99
53) 3-Nitroaniline	14.527	138	324644	91.719	ng	95
54) 2,4-Dinitrophenol	14.733	184	227392	92.300	ng	97
55) Dibenzofuran	15.004	168	1785172	81.410	ng	98
56) 4-Nitrophenol	14.833	139	263452	90.382	ng	94
57) 2,4-Dinitrotoluene	14.986	165	433471	89.777	ng	98
58) Fluorene	15.651	166	1448408	81.455	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	411616	81.207	ng	98
60) Diethylphthalate	15.427	149	1386845	83.673	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	718636	76.978	ng	95
62) 4-Nitroaniline	15.692	138	343529	94.461	ng	93
63) Azobenzene	15.939	77	1391520	79.241	ng	97
65) 4,6-Dinitro-2-methylph...	15.745	198	291565	89.676	ng	98
66) n-Nitrosodiphenylamine	15.862	169	1247648	82.972	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	448518	80.727	ng	100
68) Hexachlorobenzene	16.651	284	487452	81.305	ng	97
69) Atrazine	16.815	200	405951	80.919	ng	98
70) Pentachlorophenol	16.998	266	376356	88.244	ng	98
71) Phenanthrene	17.392	178	2261228	80.840	ng	100
72) Anthracene	17.486	178	2336018	82.073	ng	99
73) Carbazole	17.756	167	2112427	84.276	ng	99
74) Di-n-butylphthalate	18.304	149	2375263	86.254	ng	100
75) Fluoranthene	19.403	202	2701902	80.370	ng	99
77) Benzidine	19.586	184	1002609	86.519	ng	98
78) Pyrene	19.762	202	2855782	80.195	ng	100
80) Butylbenzylphthalate	20.650	149	1114613	90.516	ng	97
81) Benzo(a)anthracene	21.509	228	2815660	77.699	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	936962	80.494	ng	99
83) Chrysene	21.562	228	2705155	76.333	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	1594987	89.376	ng	100
85) Di-n-octyl phthalate	22.344	149	2732032	86.096	ng	97
87) Indeno(1,2,3-cd)pyrene	26.474	276	3359025	77.734	ng	99
88) Benzo(b)fluoranthene	23.203	252	2824769	80.188	ng	99
89) Benzo(k)fluoranthene	23.256	252	2837808	77.853	ng	99
90) Benzo(a)pyrene	23.838	252	2778538	79.557	ng	99
91) Dibenzo(a,h)anthracene	26.485	278	2804157	77.961	ng	98
92) Benzo(g,h,i)perylene	27.250	276	2906967	78.901	ng	98

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

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