

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020123\
 Data File : BM038646.D
 Acq On : 01 Feb 2023 17:11
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/02/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 02 02:39:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 02:35:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	59282	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	199452	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	149275	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	317001	20.000	ng	0.00
76) Chrysene-d12	21.497	240	280027	20.000	ng	0.00
86) Perylene-d12	23.891	264	363889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	131828	36.761	ng	0.00
7) Phenol-d6	7.104	99	151304	33.069	ng	0.00
23) Nitrobenzene-d5	9.116	82	148686	32.372	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	87667	40.783	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	494777	40.829	ng	0.00
79) Terphenyl-d14	19.933	244	638445	44.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	29485	17.530	ng	98
3) Pyridine	3.775	79	71983	16.295	ng	98
4) n-Nitrosodimethylamine	3.687	42	32155	15.333	ng	97
6) Aniline	7.269	93	93317	16.431	ng	98
8) 2-Chlorophenol	7.498	128	70838	19.337	ng	98
9) Benzaldehyde	7.081	77	31618m	11.650	ng	
10) Phenol	7.134	94	76232	16.674	ng	95
11) bis(2-Chloroethyl)ether	7.363	93	62025	17.194	ng	99
12) 1,3-Dichlorobenzene	7.822	146	89810	21.564	ng	98
13) 1,4-Dichlorobenzene	7.975	146	92298	21.934	ng	99
14) 1,2-Dichlorobenzene	8.292	146	87864	21.556	ng	98
15) Benzyl Alcohol	8.186	79	54324	15.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	59453m	15.694	ng	
17) 2-Methylphenol	8.386	107	58689	18.137	ng	95
18) Hexachloroethane	9.016	117	29141	18.627	ng	93
19) n-Nitroso-di-n-propyla...	8.751	70	47764	16.255	ng	98
20) 3+4-Methylphenols	8.722	107	78220	18.036	ng	98
22) Acetophenone	8.775	105	100641	18.317	ng	# 100
24) Nitrobenzene	9.157	77	76467	16.454	ng	98
25) Isophorone	9.681	82	131139	17.301	ng	99
26) 2-Nitrophenol	9.869	139	41148	22.306	ng	98
27) 2,4-Dimethylphenol	9.922	122	61293	19.965	ng	97
28) bis(2-Chloroethoxy)met...	10.163	93	81233	18.320	ng	98
29) 2,4-Dichlorophenol	10.398	162	86465	24.007	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	91794	22.286	ng	99
31) Naphthalene	10.798	128	217351	20.059	ng	99
32) Benzoic acid	10.045	122	46224m	21.129	ng	
33) 4-Chloroaniline	10.922	127	96065	21.241	ng	99
34) Hexachlorobutadiene	11.069	225	46761	17.259	ng	94
35) Caprolactam	11.710	113	17805	20.391	ng	90
36) 4-Chloro-3-methylphenol	12.039	107	64049	19.556	ng	95
37) 2-Methylnaphthalene	12.404	142	174919	22.463	ng	99
38) 1-Methylnaphthalene	12.621	142	166065	22.612	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	80483	14.333	ng	100
41) Hexachlorocyclopentadiene	12.739	237	46641	15.113	ng	99
43) 2,4,6-Trichlorophenol	13.016	196	64646	17.984	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.086	196	74856	17.780	ng	94
46) 1,1'-Biphenyl	13.410	154	244138	20.422	ng	100
47) 2-Chloronaphthalene	13.457	162	191711	20.543	ng	98
48) 2-Nitroaniline	13.674	65	39376	14.367	ng	98
49) Acenaphthylene	14.298	152	306211	20.972	ng	99
50) Dimethylphthalate	14.039	163	252885	22.007	ng	100
51) 2,6-Dinitrotoluene	14.163	165	51573	21.327	ng	97
52) Acenaphthene	14.639	154	182103	20.450	ng	99
53) 3-Nitroaniline	14.498	138	50552	21.036	ng	97
54) 2,4-Dinitrophenol	14.704	184	31741	18.977	ng	96
55) Dibenzofuran	14.974	168	317399	21.320	ng	98
56) 4-Nitrophenol	14.804	139	40645	20.538	ng	98
57) 2,4-Dinitrotoluene	14.951	165	71798	21.902	ng	95
58) Fluorene	15.621	166	258862	21.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	53567	15.566	ng	98
60) Diethylphthalate	15.392	149	247027	21.952	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	107686	16.990	ng	96
62) 4-Nitroaniline	15.657	138	51573	20.888	ng	98
63) Azobenzene	15.904	77	194002	16.272	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	40790	19.823	ng	94
66) n-Nitrosodiphenylamine	15.833	169	219023	23.015	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	65196	18.541	ng	96
68) Hexachlorobenzene	16.621	284	79448	20.939	ng	96
69) Atrazine	16.780	200	64346	20.267	ng	98
70) Pentachlorophenol	16.968	266	56291	20.836	ng	97
71) Phenanthrene	17.362	178	399125	22.546	ng	98
72) Anthracene	17.451	178	413678	22.965	ng	99
73) Carbazole	17.727	167	385938	24.329	ng	100
74) Di-n-butylphthalate	18.274	149	430253	24.687	ng	99
75) Fluoranthene	19.374	202	426669	20.054	ng	99
77) Benzidine	19.562	184	152104	23.836	ng	100
78) Pyrene	19.733	202	456590	23.417	ng	99
80) Butylbenzylphthalate	20.627	149	200042	29.669	ng	97
81) Benzo(a)anthracene	21.480	228	411968	20.762	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	147027	23.068	ng	99
83) Chrysene	21.533	228	390631	20.131	ng	99
84) Bis(2-ethylhexyl)phtha...	21.392	149	299153	30.615	ng	100
85) Di-n-octyl phthalate	22.315	149	528338	30.408	ng	99
87) Indeno(1,2,3-cd)pyrene	26.391	276	591046	21.950	ng	99
88) Benzo(b)fluoranthene	23.162	252	455397	20.746	ng	100
89) Benzo(k)fluoranthene	23.209	252	461632	20.324	ng	99
90) Benzo(a)pyrene	23.785	252	448225	20.596	ng	98
91) Dibenzo(a,h)anthracene	26.403	278	493527	22.019	ng	99
92) Benzo(g,h,i)perylene	27.156	276	502309	21.879	ng	99

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

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