

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
 Data File : BM035286.D
 Acq On : 27 May 2022 13:07
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/28/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 27 14:51:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 14:48:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	128356	20.000	ng	0.00
21) Naphthalene-d8	10.674	136	537522	20.000	ng	0.00
39) Acenaphthene-d10	14.515	164	367081	20.000	ng	0.00
64) Phenanthrene-d10	17.256	188	788463	20.000	ng	0.00
76) Chrysene-d12	21.444	240	703767	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	614909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	306920	46.213	ng	0.00
7) Phenol-d6	7.045	99	417939	45.326	ng	0.00
23) Nitrobenzene-d5	9.033	82	423807	45.450	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	201103	33.501	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1099363	42.552	ng	0.00
79) Terphenyl-d14	19.880	244	1719051	47.835	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	59926	25.121	ng	96
3) Pyridine	3.763	79	161571	23.677	ng	96
4) n-Nitrosodimethylamine	3.669	42	81258	25.912	ng	96
6) Aniline	7.204	93	223246	22.267	ng	98
8) 2-Chlorophenol	7.439	128	176928	22.236	ng	97
9) Benzaldehyde	7.016	77	114693m	22.531	ng	
10) Phenol	7.075	94	204018	22.819	ng	98
11) bis(2-Chloroethyl)ether	7.298	93	161566	23.277	ng	94
12) 1,3-Dichlorobenzene	7.763	146	197193	21.929	ng	99
13) 1,4-Dichlorobenzene	7.910	146	199576	21.434	ng	98
14) 1,2-Dichlorobenzene	8.228	146	196900	21.336	ng	99
15) Benzyl Alcohol	8.116	79	151630	21.851	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	233139	26.814	ng	98
17) 2-Methylphenol	8.322	107	143425	21.864	ng	100
18) Hexachloroethane	8.957	117	70432	22.379	ng	92
19) n-Nitroso-di-n-propyla...	8.686	70	139418	23.359	ng	96
20) 3+4-Methylphenols	8.651	107	198350	21.498	ng	98
22) Acetophenone	8.698	105	277989	22.036	ng	# 97
24) Nitrobenzene	9.075	77	196732	23.126	ng	99
25) Isophorone	9.610	82	337578	21.965	ng	98
26) 2-Nitrophenol	9.792	139	98782	20.538	ng	97
27) 2,4-Dimethylphenol	9.857	122	143000	21.506	ng	98
28) bis(2-Chloroethoxy)met...	10.086	93	225758	22.298	ng	99
29) 2,4-Dichlorophenol	10.327	162	176748	20.247	ng	98
30) 1,2,4-Trichlorobenzene	10.539	180	203015	20.242	ng	98
31) Naphthalene	10.727	128	565601	21.400	ng	100
32) Benzoic acid	9.992	122	117839	18.200	ng	97
33) 4-Chloroaniline	10.839	127	237047	21.152	ng	98
34) Hexachlorobutadiene	11.016	225	130538	19.646	ng	99
35) Caprolactam	11.621	113	54226	19.384	ng	98
36) 4-Chloro-3-methylphenol	11.968	107	188458	20.789	ng	97
37) 2-Methylnaphthalene	12.339	142	406460	20.484	ng	100
38) 1-Methylnaphthalene	12.557	142	400656	20.500	ng	99
40) 1,2,4,5-Tetrachloroben...	12.710	216	233349	19.996	ng	98
41) Hexachlorocyclopentadiene	12.692	237	109990	18.870	ng	99
43) 2,4,6-Trichlorophenol	12.951	196	159129	20.339	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	172680	20.316	ng	94
46) 1,1'-Biphenyl	13.351	154	567932	21.687	ng	99
47) 2-Chloronaphthalene	13.392	162	437063	21.507	ng	100
48) 2-Nitroaniline	13.592	65	122589	23.524	ng	98
49) Acenaphthylene	14.233	152	670540	21.328	ng	100
50) Dimethylphthalate	13.974	163	575909	20.761	ng	99
51) 2,6-Dinitrotoluene	14.092	165	117848	20.236	ng	92
52) Acenaphthene	14.574	154	409036	21.425	ng	100
53) 3-Nitroaniline	14.421	138	120370	20.825	ng	96
54) 2,4-Dinitrophenol	14.633	184	70854	17.265	ng	88
55) Dibenzofuran	14.909	168	687389	20.868	ng	99
56) 4-Nitrophenol	14.739	139	93860	19.069	ng	92
57) 2,4-Dinitrotoluene	14.880	165	162284	19.760	ng	95
58) Fluorene	15.562	166	548234	20.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	155511	18.816	ng	# 93
60) Diethylphthalate	15.339	149	583530	20.756	ng	99
61) 4-Chlorophenyl-phenyle...	15.556	204	297560	20.201	ng	93
62) 4-Nitroaniline	15.580	138	124516	20.131	ng	95
63) Azobenzene	15.845	77	502284	23.431	ng	98
65) 4,6-Dinitro-2-methylph...	15.645	198	105484	19.175	ng	95
66) n-Nitrosodiphenylamine	15.768	169	482804	22.077	ng	100
67) 4-Bromophenyl-phenylether	16.451	248	180751	19.858	ng	94
68) Hexachlorobenzene	16.568	284	200052	19.445	ng	93
69) Atrazine	16.721	200	171431	20.696	ng	99
70) Pentachlorophenol	16.909	266	118435	18.546	ng	98
71) Phenanthrene	17.298	178	870744	21.403	ng	100
72) Anthracene	17.392	178	851381	21.243	ng	99
73) Carbazole	17.662	167	828686	21.357	ng	99
74) Di-n-butylphthalate	18.233	149	967051	21.208	ng	99
75) Fluoranthene	19.315	202	989851	19.470	ng	98
77) Benzidine	19.503	184	283327	25.677	ng	100
78) Pyrene	19.674	202	1022612	24.794	ng	99
80) Butylbenzylphthalate	20.580	149	400211	23.899	ng	94
81) Benzo(a)anthracene	21.427	228	955495	21.765	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	228467	20.802	ng	99
83) Chrysene	21.480	228	902490	21.538	ng	99
84) Bis(2-ethylhexyl)phtha...	21.362	149	565643	22.453	ng	# 97
85) Di-n-octyl phthalate	22.274	149	884558	20.572	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	829171	20.390	ng	96
88) Benzo(b)fluoranthene	23.091	252	834227	22.842	ng	99
89) Benzo(k)fluoranthene	23.138	252	791545	21.781	ng	99
90) Benzo(a)pyrene	23.703	252	662396	21.852	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	694142	20.389	ng	98
92) Benzo(g,h,i)perylene	27.009	276	677222	20.692	ng	# 95

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

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