

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
 Data File : BM035328.D
 Acq On : 31 May 2022 16:37
 Operator : CG/JU
 Sample : N3056-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 03:48:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 15:35:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	98200	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	366023	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	290231	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	507777	20.000	ng	0.00
76) Chrysene-d12	21.439	240	569178	20.000	ng	# 0.00
86) Perylene-d12	23.803	264	592304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	435580	81.898	ng	0.00
7) Phenol-d6	7.051	99	340203	49.399	ng	0.00
23) Nitrobenzene-d5	9.034	82	690833	103.898	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	535640	142.263	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	1798614	85.939	ng	0.00
79) Terphenyl-d14	19.880	244	2900727	90.307	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	49774	23.896	ng	94
3) Pyridine	3.752	79	125880m	23.229	ng	
4) n-Nitrosodimethylamine	3.658	42	64855	24.572	ng	# 82
6) Aniline	7.199	93	188265	25.730	ng	97
8) 2-Chlorophenol	7.440	128	288320	48.174	ng	93
9) Benzaldehyde	7.010	77	298991	83.737	ng	# 1
10) Phenol	7.081	94	132774	19.783	ng	90
11) bis(2-Chloroethyl)ether	7.299	93	316320	60.295	ng	91
12) 1,3-Dichlorobenzene	7.757	146	375171	54.235	ng	96
13) 1,4-Dichlorobenzene	7.904	146	385165	54.518	ng	99
14) 1,2-Dichlorobenzene	8.222	146	368899	53.800	ng	99
15) Benzyl Alcohol	8.116	79	200178	40.867	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.404	45	350991	49.779	ng	87
17) 2-Methylphenol	8.328	107	192992	41.011	ng	97
18) Hexachloroethane	8.945	117	123559m	51.056	ng	
19) n-Nitroso-di-n-propyla...	8.681	70	234531	55.218	ng	89
20) 3+4-Methylphenols	8.657	107	237529	36.874	ng	97
22) Acetophenone	8.693	105	865627	99.379	ng	# 89
24) Nitrobenzene	9.075	77	393853	64.222	ng	96
25) Isophorone	9.604	82	639537	63.549	ng	97
26) 2-Nitrophenol	9.787	139	186850	59.049	ng	95
27) 2,4-Dimethylphenol	9.857	122	337488	76.146	ng	97
28) bis(2-Chloroethoxy)met...	10.087	93	393126	57.765	ng	99
29) 2,4-Dichlorophenol	10.328	162	318653	57.087	ng	99
30) 1,2,4-Trichlorobenzene	10.534	180	388108	58.242	ng	97
31) Naphthalene	10.728	128	5390755	302.253	ng	99
32) Benzoic acid	10.022	122	140752	35.989	ng	95
33) 4-Chloroaniline	10.834	127	187160	26.494	ng	97
34) Hexachlorobutadiene	11.010	225	247232	56.701	ng	98
35) Caprolactam	11.828	113	17883	11.676	ng	92
36) 4-Chloro-3-methylphenol	11.975	107	285894	51.554	ng	97
37) 2-Methylnaphthalene	12.334	142	1364032	108.463	ng	98
38) 1-Methylnaphthalene	12.551	142	1246556	101.399	ng	99
40) 1,2,4,5-Tetrachloroben...	12.704	216	459333	49.421	ng	# 97
41) Hexachlorocyclopentadiene	12.681	237	367195	66.212	ng	98
43) 2,4,6-Trichlorophenol	12.951	196	288407	47.617	ng	99

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44) 2,4,5-Trichlorophenol	13.028	196	305386	47.401	ng	# 90
46) 1,1'-Biphenyl	13.345	154	1014793	47.455	ng	99
47) 2-Chloronaphthalene	13.386	162	788483	47.554	ng	98
48) 2-Nitroaniline	13.592	65	239642	57.924	ng	93
49) Acenaphthylene	14.227	152	1241365	50.212	ng	99
50) Dimethylphthalate	13.975	163	968605	47.060	ng	97
51) 2,6-Dinitrotoluene	14.086	165	237267	56.156	ng	# 84
52) Acenaphthene	14.575	154	728788	48.407	ng	99
53) 3-Nitroaniline	14.422	138	89773	21.446	ng	92
54) 2,4-Dinitrophenol	14.633	184	220182	81.587	ng	# 79
55) Dibenzofuran	14.904	168	1222801	48.224	ng	95
56) 4-Nitrophenol	14.751	139	154532	47.884	ng	85
57) 2,4-Dinitrotoluene	14.880	165	306134	54.014	ng	# 85
58) Fluorene	15.557	166	1000973	50.631	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	277698	48.700	ng	# 85
60) Diethylphthalate	15.333	149	957882	47.632	ng	97
61) 4-Chlorophenyl-phenyle...	15.551	204	521593	48.457	ng	90
62) 4-Nitroaniline	15.580	138	182924	43.267	ng	94
63) Azobenzene	15.845	77	755573	44.410	ng	90
65) 4,6-Dinitro-2-methylph...	15.645	198	145931	45.823	ng	87
66) n-Nitrosodiphenylamine	15.763	169	846748	57.899	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	335935	59.168	ng	# 89
68) Hexachlorobenzene	16.563	284	382971	60.551	ng	# 88
69) Atrazine	16.727	200	315850	64.886	ng	97
70) Pentachlorophenol	16.910	266	507871	139.029	ng	100
71) Phenanthrene	17.298	178	1634699	62.659	ng	99
72) Anthracene	17.386	178	1605373	63.039	ng	99
73) Carbazole	17.657	167	1622651	67.000	ng	98
74) Di-n-butylphthalate	18.227	149	1695683	60.345	ng	99
75) Fluoranthene	19.310	202	2040547	66.778	ng	98
78) Pyrene	19.674	202	2118391	56.730	ng	100
80) Butylbenzylphthalate	20.574	149	838684	58.721	ng	# 90
81) Benzo(a)anthracene	21.421	228	2211941	61.453	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	274436	30.796	ng	# 99
83) Chrysene	21.474	228	2042145	60.105	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	1210120	59.927	ng	# 96
85) Di-n-octyl phthalate	22.268	149	2162155	64.541	ng	# 94
87) Indeno(1,2,3-cd)pyrene	26.268	276	2529963	62.692	ng	# 95
88) Benzo(b)fluoranthene	23.086	252	2263490	63.342	ng	98
89) Benzo(k)fluoranthene	23.139	252	2260235m	64.019	ng	
90) Benzo(a)pyrene	23.703	252	2177302	73.514	ng	# 97
91) Dibenzo(a,h)anthracene	26.280	278	2209194	65.903	ng	# 96
92) Benzo(g,h,i)perylene	27.015	276	2185513	65.370	ng	# 95

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

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