Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
Data File : BM035281.D
Acq On : 26 May 2022 23:06
Operator : CG/JU
Sample : N3033-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-16

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 27 03:36:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 18:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.886	152	143873	20.000	ng		0.00
21) Naphthalene-d8	10.686	136	614962	20.000	ng		0.00
39) Acenaphthene-d10	14.515	164	470073	20.000	ng	#	0.00
64) Phenanthrene-d10	17.262	188	1011316	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1095417	20.000	ng	#	0.00
86) Perylene-d12	23.815	264	1046529	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	447799	60.154	ng		0.02
7) Phenol-d6	7.063	99	364603	35.277	ng		0.00
23) Nitrobenzene-d5	9.051	82	1077073	100.963	ng		0.00
42) 2,4,6-Tribromophenol	16.009	330	1005053	130.747	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	3055445	92.352	ng		0.00
79) Terphenyl-d14	19.892	244	5057942	90.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	179	0.067	ng	#	1
4) n-Nitrosodimethylamine	3.681	42	5904	1.680	ng	#	3
8) 2-Chlorophenol	7.328	128	456	0.051	ng	#	35
10) Phenol	7.116	94	7089	0.707	ng	#	1
16) 2,2'-oxybis(1-Chloropr...	8.433	45	388	0.040	ng	#	1
17) 2-Methylphenol	8.339	107	3068	0.417	ng	#	74
19) n-Nitroso-di-n-propyla...	8.686	70	3374	0.504	ng	#	1
20) 3+4-Methylphenols	8.669	107	14149	1.368	ng	#	1
25) Isophorone	9.610	82	1821	0.104	ng	#	1
26) 2-Nitrophenol	9.786	139	357	0.065	ng	#	1
27) 2,4-Dimethylphenol	9.869	122	84519m	11.110	ng		
29) 2,4-Dichlorophenol	10.345	162	360	0.036	ng	#	1
30) 1,2,4-Trichlorobenzene	10.410	180	55	0.005	ng	#	11
31) Naphthalene	10.757	128	17966176	594.170	ng	#	93
32) Benzoic acid	9.969	122	9852	1.330	ng	#	1
35) Caprolactam	11.633	113	831	0.260	ng	#	1
36) 4-Chloro-3-methylphenol	12.010	107	6438	0.621	ng	#	34
37) 2-Methylnaphthalene	12.351	142	4873558	214.677	ng		99
38) 1-Methylnaphthalene	12.574	142	4055421	181.372	ng		100
46) 1,1'-Biphenyl	13.351	154	162448	4.844	ng		98
47) 2-Chloronaphthalene	13.357	162	3748	0.144	ng	#	1
48) 2-Nitroaniline	13.568	65	6093	0.913	ng	#	37
49) Acenaphthylene	14.245	152	16003	0.397	ng	#	1
50) Dimethylphthalate	13.986	163	431	0.012	ng	#	1
51) 2,6-Dinitrotoluene	14.080	165	2557	0.343	ng	#	1
52) Acenaphthene	14.580	154	45215	1.849	ng		98
53) 3-Nitroaniline	14.427	138	154	0.021	ng	#	65
55) Dibenzofuran	14.915	168	32997	0.782	ng	#	68
56) 4-Nitrophenol	14.733	139	5293	0.840	ng	#	1
57) 2,4-Dinitrotoluene	14.874	165	3780	0.359	ng	#	41
58) Fluorene	15.562	166	80572	2.373	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.157	232	180	0.017	ng	#	1
60) Diethylphthalate	15.345	149	3589	0.100	ng	#	1
61) 4-Chlorophenyl-phenyle...	15.533	204	1923	0.102	ng	#	63
62) 4-Nitroaniline	15.568	138	3148	0.397	ng		89
63) Azobenzene	15.839	77	5349	0.195	ng	#	50

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
66)	n-Nitrosodiphenylamine	15.780	169	10288	0.367	ng	#	72
69)	Atrazine	16.733	200	1161	0.109	ng	#	1
70)	Pentachlorophenol	16.915	266	493	0.060	ng	#	55
71)	Phenanthrene	17.303	178	136971	2.625	ng		97
73)	Carbazole	17.668	167	31961	0.642	ng	#	88
74)	Di-n-butylphthalate	18.233	149	10712	0.183	ng	#	64
75)	Fluoranthene	19.321	202	12272	0.188	ng		70
78)	Pyrene	19.680	202	22877	0.356	ng	#	85
80)	Butylbenzylphthalate	20.586	149	798	0.031	ng	#	1
81)	Benzo(a)anthracene	21.433	228	9175	0.134	ng	#	75
82)	3,3'-Dichlorobenzidine	21.356	252	579	0.034	ng	#	76
84)	Bis(2-ethylhexyl)phtha...	21.362	149	6833	0.174	ng	#	76
85)	Di-n-octyl phthalate	22.274	149	2307	0.034	ng	#	25
87)	Indeno(1,2,3-cd)pyrene	26.273	276	3093	0.045	ng	#	50
88)	Benzo(b)fluoranthene	23.097	252	6010	0.097	ng	#	43
90)	Benzo(a)pyrene	23.715	252	3716	0.072	ng	#	17
91)	Dibenzo(a,h)anthracene	26.262	278	2372	0.041	ng	#	1
92)	Benzo(g,h,i)perylene	27.020	276	3280	0.059	ng		99

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

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