Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
Data File : BM035430.D
Acq On : 08 Jun 2022 15:18
Operator : CG/JU
Sample : N3189-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220423-SPLP-AMENDED-COMPOSITE-CMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/09/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 00:50:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 14:28:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	176324	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	618457	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	369359	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	781788	20.000	ng	0.00
76) Chrysene-d12	21.415	240	880810	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	1008185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	525781	62.659	ng	0.00
7) Phenol-d6	7.028	99	378981	33.064	ng	0.00
23) Nitrobenzene-d5	9.004	82	840343	86.277	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	772273	130.314	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	2388785	92.889	ng	0.00
79) Terphenyl-d14	19.856	244	4046365	91.523	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	69251	24.601	ng	# 86
3) Pyridine	3.728	79	161145	20.993	ng	# 87
4) n-Nitrosodimethylamine	3.640	42	68862	23.775	ng	# 57
6) Aniline	7.169	93	405501	32.365	ng	93
8) 2-Chlorophenol	7.410	128	393356	37.359	ng	89
9) Benzaldehyde	6.981	77	257617m	60.133	ng	
10) Phenol	7.051	94	142658	12.911	ng	88
11) bis(2-Chloroethyl)ether	7.263	93	414758	46.144	ng	91
12) 1,3-Dichlorobenzene	7.728	146	527549	42.903	ng	# 93
13) 1,4-Dichlorobenzene	7.875	146	539070	42.699	ng	96
14) 1,2-Dichlorobenzene	8.193	146	514718	41.577	ng	95
15) Benzyl Alcohol	8.093	79	224782m	26.838	ng	
16) 2,2'-oxybis(1-Chloropr...	8.375	45	462158	42.172	ng	93
17) 2-Methylphenol	8.298	107	233823	27.991	ng	94
18) Hexachloroethane	8.916	117	168158	40.835	ng	# 78
19) n-Nitroso-di-n-propyla...	8.651	70	281805	38.878	ng	# 84
20) 3+4-Methylphenols	8.628	107	278079	23.783	ng	92
22) Acetophenone	8.669	105	655463	47.673	ng	# 88
24) Nitrobenzene	9.045	77	420830	47.698	ng	# 87
25) Isophorone	9.575	82	805903	47.839	ng	# 93
26) 2-Nitrophenol	9.757	139	267200	46.282	ng	# 81
27) 2,4-Dimethylphenol	9.828	122	360735	47.118	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	523603	44.975	ng	99
29) 2,4-Dichlorophenol	10.304	162	443097	42.445	ng	96
30) 1,2,4-Trichlorobenzene	10.504	180	532875	44.374	ng	98
31) Naphthalene	10.687	128	1366368	45.597	ng	100
32) Benzoic acid	9.969	122	27405	4.002	ng	94
33) 4-Chloroaniline	10.804	127	380832	30.347	ng	# 94
34) Hexachlorobutadiene	10.975	225	330328	41.599	ng	98
35) Caprolactam	11.657	113	21352	6.949	ng	# 68
36) 4-Chloro-3-methylphenol	11.945	107	348566	36.218	ng	94
37) 2-Methylnaphthalene	12.304	142	986209m	43.615	ng	
38) 1-Methylnaphthalene	12.522	142	951628	42.945	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.675	216	626010	51.698	ng	# 95
41) Hexachlorocyclopentadiene	12.651	237	301858	52.874	ng	98
43) 2,4,6-Trichlorophenol	12.922	196	396414	48.502	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.004	196	420038	47.869	ng	#	88
46)	1,1'-Biphenyl	13.316	154	1306563	49.624	ng		99
47)	2-Chloronaphthalene	13.357	162	1025454	49.922	ng		96
48)	2-Nitroaniline	13.569	65	215070	47.115	ng	#	72
49)	Acenaphthylene	14.204	152	1583459	50.620	ng		99
50)	Dimethylphthalate	13.945	163	1184545	43.625	ng		99
51)	2,6-Dinitrotoluene	14.069	165	280372	48.371	ng	#	65
52)	Acenaphthene	14.545	154	910630	48.076	ng		99
53)	3-Nitroaniline	14.398	138	195700	35.568	ng		84
54)	2,4-Dinitrophenol	14.616	184	138131	34.990	ng	#	68
55)	Dibenzofuran	14.880	168	1505618	46.280	ng		90
56)	4-Nitrophenol	14.739	139	132654	32.125	ng	#	68
57)	2,4-Dinitrotoluene	14.857	165	372864	46.994	ng	#	75
58)	Fluorene	15.533	166	1190804	46.849	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.116	232	367524	45.500	ng	#	77
60)	Diethylphthalate	15.304	149	1161605	43.261	ng		96
61)	4-Chlorophenyl-phenyle...	15.521	204	659365	45.228	ng	#	87
62)	4-Nitroaniline	15.563	138	260908	45.448	ng	#	77
63)	Azobenzene	15.816	77	825785	43.314	ng		83
65)	4,6-Dinitro-2-methylph...	15.627	198	162257	30.894	ng	#	74
66)	n-Nitrosodiphenylamine	15.739	169	1062906	48.179	ng		99
67)	4-Bromophenyl-phenylether	16.416	248	445906	47.054	ng	#	85
68)	Hexachlorobenzene	16.539	284	519988	49.056	ng	#	80
69)	Atrazine	16.704	200	362980	44.710	ng		95
70)	Pentachlorophenol	16.886	266	647131	111.696	ng		99
71)	Phenanthrene	17.268	178	1924967	48.646	ng		99
72)	Anthracene	17.363	178	1966043	49.871	ng		99
73)	Carbazole	17.633	167	1759370	47.389	ng		97
74)	Di-n-butylphthalate	18.198	149	2050905	44.486	ng	#	98
75)	Fluoranthene	19.286	202	2340839	49.005	ng		99
77)	Benzidine	19.480	184	272922	16.460	ng	#	76
78)	Pyrene	19.651	202	2548463	47.712	ng		100
80)	Butylbenzylphthalate	20.551	149	970755	42.787	ng	#	82
81)	Benzo(a)anthracene	21.398	228	2668761	49.350	ng		99
82)	3,3'-Dichlorobenzidine	21.333	252	726476	51.085	ng	#	98
83)	Chrysene	21.451	228	2475995	47.951	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.327	149	1450611	42.448	ng	#	94
85)	Di-n-octyl phthalate	22.239	149	2607155	43.648	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.215	276	3497479	52.295	ng		96
88)	Benzo(b)fluoranthene	23.056	252	2982627	51.363	ng		99
89)	Benzo(k)fluoranthene	23.103	252	2785357	46.874	ng		99
90)	Benzo(a)pyrene	23.668	252	2817264	56.982	ng		98
91)	Dibenzo(a,h)anthracene	26.221	278	3094462	55.435	ng		97
92)	Benzo(g,h,i)perylene	26.962	276	3116671	57.885	ng		95

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

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