Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
Data File : BM034024.D
Acq On : 09 Feb 2022 12:21
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Quant Time: Feb 09 16:42:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 09 16:41:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.900	152	113716	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	433813	20.000	ng	#	0.00
39) Acenaphthene-d10	14.545	164	248093	20.000	ng		0.00
64) Phenanthrene-d10	17.270	188	487233	20.000	ng		0.00
76) Chrysene-d12	21.437	240	509181	20.000	ng	#	0.00
86) Perylene-d12	23.825	264	506908	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	74969	10.727	ng		0.00
7) Phenol-d6	7.044	99	85403	9.410	ng		-0.02
23) Nitrobenzene-d5	9.048	82	93057	10.247	ng		-0.02
42) 2,4,6-Tribromophenol	16.031	330	24881	8.250	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	203025	11.102	ng		0.00
79) Terphenyl-d14	19.883	244	235258	8.729	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	17591m	5.829	ng		
3) Pyridine	3.732	79	40391	5.232	ng	#	75
4) n-Nitrosodimethylamine	3.620	42	18133	4.589	ng	#	48
6) Aniline	7.224	93	49632	4.823	ng		90
8) 2-Chlorophenol	7.449	128	37220	4.990	ng		99
9) Benzaldehyde	7.021	77	27477	5.700	ng		98
10) Phenol	7.089	94	44210	4.846	ng		86
11) bis(2-Chloroethyl)ether	7.314	93	40340	5.698	ng		90
12) 1,3-Dichlorobenzene	7.787	146	45969	5.377	ng		95
13) 1,4-Dichlorobenzene	7.945	146	43537	4.981	ng		95
14) 1,2-Dichlorobenzene	8.260	146	44490	5.283	ng		96
15) Benzyl Alcohol	8.147	79	33302	4.612	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	43306	4.308	ng		83
17) 2-Methylphenol	8.350	107	28317	4.565	ng		93
18) Hexachloroethane	8.981	117	16541	5.191	ng		91
19) n-Nitroso-di-n-propyla...	8.711	70	28296	4.968	ng	#	78
20) 3+4-Methylphenols	8.665	107	41720	4.850	ng		97
22) Acetophenone	8.733	105	55525	4.888	ng	#	86
24) Nitrobenzene	9.093	77	44335	5.166	ng		94
25) Isophorone	9.634	82	65729	4.769	ng		97
26) 2-Nitrophenol	9.814	139	14906	4.036	ng		97
27) 2,4-Dimethylphenol	9.882	122	31317	5.338	ng		93
28) bis(2-Chloroethoxy)met...	10.107	93	46359	5.033	ng		96
29) 2,4-Dichlorophenol	10.355	162	30855	4.673	ng		94
30) 1,2,4-Trichlorobenzene	10.580	180	41026	5.477	ng		95
31) Naphthalene	10.760	128	118145	5.078	ng		100
33) 4-Chloroaniline	10.873	127	43776	4.792	ng	#	90
34) Hexachlorobutadiene	11.053	225	26422	5.335	ng		97
35) Caprolactam	11.639	113	7170	3.632	ng	#	51
36) 4-Chloro-3-methylphenol	11.999	107	32793	4.211	ng		90
37) 2-Methylnaphthalene	12.382	142	74016	4.734	ng		95
38) 1-Methylnaphthalene	12.585	142	75754	4.945	ng		98
40) 1,2,4,5-Tetrachloroben...	12.743	216	44923	5.974	ng		98
41) Hexachlorocyclopentadiene	12.720	237	21369	4.764	ng		99
43) 2,4,6-Trichlorophenol	12.990	196	21833m	4.341	ng		
44) 2,4,5-Trichlorophenol	13.058	196	26487	4.898	ng	#	87

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.373	154	105374	5.471	ng		99
47)	2-Chloronaphthalene	13.418	162	85422	5.808	ng		99
48)	2-Nitroaniline	13.621	65	17685	3.795	ng	#	70
49)	Acenaphthylene	14.252	152	107784	4.700	ng		100
50)	Dimethylphthalate	14.004	163	86240	4.665	ng		97
51)	2,6-Dinitrotoluene	14.117	165	15992	4.332	ng	#	72
52)	Acenaphthene	14.612	154	72034	5.101	ng		97
53)	3-Nitroaniline	14.432	138	16484	4.037	ng	#	96
55)	Dibenzofuran	14.927	168	114525	4.997	ng	#	88
57)	2,4-Dinitrotoluene	14.905	165	18726	3.768	ng	#	62
58)	Fluorene	15.581	166	102479	5.710	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.175	232	20661	4.374	ng	#	34
60)	Diethylphthalate	15.355	149	99151	5.374	ng		99
61)	4-Chlorophenyl-phenyle...	15.581	204	53842	5.908	ng		95
62)	4-Nitroaniline	15.603	138	14689	3.488	ng		83
63)	Azobenzene	15.874	77	92888	5.096	ng		80
66)	n-Nitrosodiphenylamine	15.783	169	79374	5.276	ng		99
67)	4-Bromophenyl-phenylether	16.482	248	25998	4.952	ng	#	76
68)	Hexachlorobenzene	16.594	284	32924	5.613	ng	#	83
69)	Atrazine	16.729	200	22942	4.527	ng		96
70)	Pentachlorophenol	16.932	266	15379	4.208	ng		99
71)	Phenanthrene	17.315	178	145694	5.315	ng		99
72)	Anthracene	17.405	178	137216	5.174	ng		99
73)	Carbazole	17.676	167	136583	5.193	ng		99
74)	Di-n-butylphthalate	18.239	149	129197	4.534	ng		98
75)	Fluoranthene	19.320	202	133689	4.367	ng		95
77)	Benzidine	19.523	184	42022	3.969	ng		97
78)	Pyrene	19.680	202	141271	4.200	ng		99
80)	Butylbenzylphthalate	20.581	149	62008	4.593	ng		90
81)	Benzo(a)anthracene	21.437	228	149753	4.543	ng		99
82)	3,3'-Dichlorobenzidine	21.370	252	40664	3.502	ng	#	96
83)	Chrysene	21.482	228	157913m	4.947	ng		
84)	Bis(2-ethylhexyl)phtha...	21.347	149	53567	2.797	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	26.303	276	190275	5.149	ng		100
88)	Benzo(b)fluoranthene	23.104	252	182763m	5.968	ng		
89)	Benzo(k)fluoranthene	23.149	252	132731m	4.277	ng		
90)	Benzo(a)pyrene	23.712	252	127476	4.928	ng	#	97
91)	Dibenzo(a,h)anthracene	26.325	278	155875	5.017	ng		96
92)	Benzo(g,h,i)perylene	27.069	276	158632	5.232	ng		97

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

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