Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030327.D
Acq On : 08 Jun 2021 17:33
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
6/9/2021 3:53:58 PM

Quant Time: Jun 08 18:03:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 08 17:34:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	236473	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	951891	20.000	ng	#	0.00
39) Acenaphthene-d10	14.474	164	623242	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1278645	20.000	ng	#	0.00
76) Chrysene-d12	21.368	240	1193644	20.000	ng	#	0.00
86) Perylene-d12	23.650	264	1014012	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1482170	130.680	ng		0.00
7) Phenol-d6	7.016	99	2213805	143.750	ng		0.00
23) Nitrobenzene-d5	9.010	82	2075771	126.001	ng		0.00
42) 2,4,6-Tribromophenol	15.962	330	865142	87.434	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	4871094	101.358	ng		0.00
79) Terphenyl-d14	19.821	244	7321933	112.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	312245	72.536	ng		89
3) Pyridine	3.746	79	864770m	100.956	ng		
4) n-Nitrosodimethylamine	3.657	42	424435	99.246	ng	#	85
6) Aniline	7.181	93	1261616	76.022	ng		98
8) 2-Chlorophenol	7.416	128	877982	63.011	ng		96
9) Benzaldehyde	6.992	77	445296	74.042	ng		97
10) Phenol	7.040	94	1102946	74.911	ng		93
11) bis(2-Chloroethyl)ether	7.275	93	861848	74.613	ng		93
12) 1,3-Dichlorobenzene	7.739	146	947574	56.085	ng		99
13) 1,4-Dichlorobenzene	7.886	146	963866	55.856	ng		99
14) 1,2-Dichlorobenzene	8.204	146	940153	55.559	ng		98
15) Benzyl Alcohol	8.086	79	800306	74.343	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1396431	111.606	ng		89
17) 2-Methylphenol	8.286	107	739968	70.438	ng		93
18) Hexachloroethane	8.928	117	353976	58.726	ng		93
19) n-Nitroso-di-n-propyla...	8.657	70	749749	75.438	ng		97
20) 3+4-Methylphenols	8.616	107	1010733	71.753	ng		97
22) Acetophenone	8.669	105	1312678	61.149	ng	#	97
24) Nitrobenzene	9.051	77	1071683	64.592	ng		98
25) Isophorone	9.575	82	2028140	66.632	ng		98
26) 2-Nitrophenol	9.757	139	458133	53.541	ng		98
27) 2,4-Dimethylphenol	9.816	122	772094	63.294	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	1112255	68.676	ng		99
29) 2,4-Dichlorophenol	10.286	162	869444	51.692	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	938376	45.921	ng		99
31) Naphthalene	10.692	128	2837117	58.256	ng		99
32) Benzoic acid	9.969	122	580853	67.301	ng		95
33) 4-Chloroaniline	10.798	127	1201830	64.597	ng		99
34) Hexachlorobutadiene	10.980	225	555639	38.616	ng		96
35) Caprolactam	11.592	113	274106m	67.148	ng		
36) 4-Chloro-3-methylphenol	11.916	107	925451	63.640	ng		98
37) 2-Methylnaphthalene	12.298	142	2109429	56.338	ng		98
38) 1-Methylnaphthalene	12.522	142	2002930	56.157	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	1019133	44.796	ng		99
41) Hexachlorocyclopentadiene	12.651	237	579555	50.757	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	731197	50.698	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	798064	51.518	ng		98
46) 1,1'-Biphenyl	13.310	154	2584690	54.928	ng		98
47) 2-Chloronaphthalene	13.351	162	2095714	55.199	ng		97
48) 2-Nitroaniline	13.551	65	622817	79.389	ng		97
49) Acenaphthylene	14.198	152	3296030	57.497	ng		100
50) Dimethylphthalate	13.933	163	2571933	54.037	ng		99
51) 2,6-Dinitrotoluene	14.051	165	588029	54.545	ng		99
52) Acenaphthene	14.539	154	2055983	57.871	ng		99
53) 3-Nitroaniline	14.380	138	601032	70.206	ng		100
54) 2,4-Dinitrophenol	14.580	184	327316	52.997	ng		93
55) Dibenzofuran	14.874	168	3252277	54.339	ng		100
56) 4-Nitrophenol	14.674	139	517456	74.634	ng		94
57) 2,4-Dinitrotoluene	14.833	165	792106	56.422	ng		95
58) Fluorene	15.521	166	2748822	55.924	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	677579	47.060	ng		97
60) Diethylphthalate	15.292	149	2602330	55.890	ng		99
61) 4-Chlorophenyl-phenyle...	15.515	204	1331832	48.696	ng		95
62) 4-Nitroaniline	15.539	138	632700	72.712	ng		89
63) Azobenzene	15.804	77	2692100	70.676	ng		97
65) 4,6-Dinitro-2-methylph...	15.598	198	465910	52.489	ng		91
66) n-Nitrosodiphenylamine	15.727	169	2348481	61.811	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	780754	51.290	ng		99
68) Hexachlorobenzene	16.521	284	873248	51.392	ng		98
69) Atrazine	16.674	200	622177	42.259	ng		96
70) Pentachlorophenol	16.857	266	550928	54.990	ng		98
71) Phenanthrene	17.251	178	4122196	57.207	ng		99
72) Anthracene	17.345	178	4131327	57.743	ng		100
73) Carbazole	17.609	167	3924343	60.818	ng		99
74) Di-n-butylphthalate	18.168	149	4413911	57.881	ng		99
75) Fluoranthene	19.256	202	4754103	53.726	ng		96
77) Benzidine	19.439	184	1227619	55.602	ng		98
78) Pyrene	19.621	202	4910134	64.144	ng		99
80) Butylbenzylphthalate	20.509	149	1872607	64.146	ng		100
81) Benzo(a)anthracene	21.356	228	4485291	57.758	ng		98
82) 3,3'-Dichlorobenzidine	21.286	252	1436944	58.204	ng		100
83) Chrysene	21.409	228	4372205	56.735	ng		99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2799777	60.178	ng		99
85) Di-n-octyl phthalate	22.168	149	4291910	54.929	ng		97
87) Indeno(1,2,3-cd)pyrene	25.979	276	4037505	52.600	ng		96
88) Benzo(b)fluoranthene	22.962	252	4056894m	60.490	ng		
89) Benzo(k)fluoranthene	23.009	252	3897830	59.984	ng	#	98
90) Benzo(a)pyrene	23.550	252	3580906	58.338	ng	#	98
91) Dibenzo(a,h)anthracene	25.985	278	3467627	52.330	ng		97
92) Benzo(g,h,i)perylene	26.691	276	3276996	52.396	ng		95

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

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