Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031014.D
Acq On : 20 Jul 2021 08:57
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 20 11:23:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:22:19 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad

7/21/2021 11:25:59 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	50353	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	215039	20.000	ng	#	0.00
39) Acenaphthene-d10	14.269	164	157717	20.000	ng		0.00
64) Phenanthrene-d10	17.016	188	368538	20.000	ng		0.00
76) Chrysene-d12	21.204	240	440567	20.000	ng		0.00
86) Perylene-d12	23.386	264	522203	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	27791	9.836	ng		0.00
7) Phenol-d6	6.810	99	37940	9.338	ng		-0.01
23) Nitrobenzene-d5	8.781	82	39751	9.256	ng		-0.01
42) 2,4,6-Tribromophenol	15.757	330	17765	8.583	ng		-0.01
45) 2-Fluorobiphenyl	12.886	172	101477	9.472	ng		0.00
79) Terphenyl-d14	19.651	244	206852	9.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	6768	6.024	ng		98
3) Pyridine	3.628	79	15615m	4.858	ng		
4) n-Nitrosodimethylamine	3.546	42	8690	4.772	ng	#	79
6) Aniline	6.975	93	21248	4.864	ng		97
8) 2-Chlorophenol	7.204	128	15523	4.660	ng		97
9) Benzaldehyde	6.793	77	12811m	5.349	ng		
10) Phenol	6.840	94	18622	4.709	ng		93
11) bis(2-Chloroethyl)ether	7.075	93	14023	4.763	ng		99
12) 1,3-Dichlorobenzene	7.522	146	18460	5.138	ng		93
13) 1,4-Dichlorobenzene	7.675	146	18648	5.084	ng		98
14) 1,2-Dichlorobenzene	7.981	146	18259	5.106	ng		97
15) Benzyl Alcohol	7.875	79	15629	4.531	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.163	45	17517	4.736	ng		95
17) 2-Methylphenol	8.075	107	12202	4.337	ng		95
18) Hexachloroethane	8.698	117	6798	4.753	ng		92
19) n-Nitroso-di-n-propyla...	8.440	70	13098	4.472	ng		89
20) 3+4-Methylphenols	8.398	107	17473	4.452	ng		94
22) Acetophenone	8.451	105	25516	4.747	ng	#	89
24) Nitrobenzene	8.828	77	20235	4.658	ng	#	96
25) Isophorone	9.351	82	34553	4.466	ng		97
26) 2-Nitrophenol	9.528	139	7875	4.268	ng		98
27) 2,4-Dimethylphenol	9.593	122	13270	4.535	ng		93
28) bis(2-Chloroethoxy)met...	9.834	93	18861	4.785	ng	#	93
29) 2,4-Dichlorophenol	10.057	162	14927	4.353	ng		94
30) 1,2,4-Trichlorobenzene	10.269	180	18046	4.845	ng		97
31) Naphthalene	10.451	128	54834	4.941	ng		98
32) Benzoic acid	9.657	122	10465	4.404	ng		86
33) 4-Chloroaniline	10.569	127	22162	4.661	ng		97
34) Hexachlorobutadiene	10.740	225	11834	4.868	ng		95
35) Caprolactam	11.334	113	4619	4.075	ng	#	87
36) 4-Chloro-3-methylphenol	11.692	107	16260	4.157	ng		100
37) 2-Methylnaphthalene	12.069	142	40531	4.758	ng	#	94
38) 1-Methylnaphthalene	12.292	142	39050	4.800	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.439	216	21181	4.725	ng	#	98
41) Hexachlorocyclopentadiene	12.422	237	11338	4.477	ng		98
43) 2,4,6-Trichlorophenol	12.686	196	13651	4.359	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	15713	4.577	ng		91
46) 1,1'-Biphenyl	13.098	154	54894	4.890	ng		98
47) 2-Chloronaphthalene	13.133	162	41384	4.648	ng	#	91
48) 2-Nitroaniline	13.345	65	11394	4.082	ng		90
49) Acenaphthylene	13.986	152	62975	4.453	ng		97
50) Dimethylphthalate	13.733	163	57272	4.845	ng		99
51) 2,6-Dinitrotoluene	13.851	165	12228	4.650	ng	#	81
52) Acenaphthene	14.333	154	42128	4.773	ng		98
53) 3-Nitroaniline	14.180	138	11092	4.174	ng		94
54) 2,4-Dinitrophenol	14.386	184	6147	4.022	ng		87
55) Dibenzofuran	14.669	168	70199	4.842	ng		93
56) 4-Nitrophenol	14.486	139	9687	4.149	ng	#	84
57) 2,4-Dinitrotoluene	14.639	165	15124	4.101	ng	#	69
58) Fluorene	15.322	166	56195	4.598	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.898	232	14477	4.519	ng	#	93
60) Diethylphthalate	15.110	149	59126	4.656	ng		97
61) 4-Chlorophenyl-phenyle...	15.322	204	28978	4.713	ng	#	89
62) 4-Nitroaniline	15.339	138	11627	4.002	ng	#	77
63) Azobenzene	15.616	77	57137	4.557	ng		93
65) 4,6-Dinitro-2-methylph...	15.398	198	9436	4.081	ng		82
66) n-Nitrosodiphenylamine	15.539	169	50259	4.572	ng		95
67) 4-Bromophenyl-phenylether	16.216	248	17950	4.622	ng	#	90
68) Hexachlorobenzene	16.322	284	20030	4.610	ng		95
69) Atrazine	16.492	200	18855	4.728	ng		99
70) Pentachlorophenol	16.669	266	11195	3.948	ng		98
71) Phenanthrene	17.057	178	95798	4.701	ng		98
72) Anthracene	17.145	178	94010	4.676	ng		99
73) Carbazole	17.421	167	90641	4.599	ng		98
74) Di-n-butylphthalate	17.998	149	98335	4.188	ng	#	98
75) Fluoranthene	19.074	202	118440	4.715	ng		99
77) Benzidine	19.274	184	46612	4.068	ng		99
78) Pyrene	19.439	202	126226	4.502	ng		99
80) Butylbenzylphthalate	20.357	149	46147	3.844	ng		97
81) Benzo(a)anthracene	21.186	228	139210	4.778	ng		98
82) 3,3'-Dichlorobenzidine	21.133	252	33523	4.222	ng	#	97
83) Chrysene	21.239	228	134783	4.755	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	70642	3.828	ng		94
85) Di-n-octyl phthalate	22.009	149	124783	3.996	ng		98
87) Indeno(1,2,3-cd)pyrene	25.550	276	176253	4.852	ng		99
88) Benzo(b)fluoranthene	22.733	252	153815	4.423	ng		98
89) Benzo(k)fluoranthene	22.774	252	142541	4.300	ng		100
90) Benzo(a)pyrene	23.286	252	136139	4.339	ng		99
91) Dibenzo(a,h)anthracene	25.562	278	152106	4.846	ng		98
92) Benzo(g,h,i)perylene	26.209	276	150666	5.060	ng		96

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

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